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Supplemental Table 1. Genetic Variants Selected to Generate Pregnancy Clusters

Grey shading indicates that the variant was used in the clustering procedure based on nominal association with a trait in Gen3G; RAF=Risk Allele Frequency

Locus	Variant	Risk allele	Other allele	Reference RAF (%)	Gen3G RAF (%)	HAPO RAF (%)	MGH ² RAF (%)
<i>MACF1</i>	rs3768321	T	G	20.0	19.6	18.8	15.2
<i>FAF1</i>	rs58432198	C	T	88.1	88.5	87.8	91.1
<i>PATJ</i>	rs12140153	G	T	90.5	91.6	92.5	94.5
<i>PTGFRN</i>	rs1127215	C	T	58.4	60.9	57.2	52.6
<i>NOTCH2</i>	rs1493694	T	C	10.9	9.89	10.8	14.7
<i>SEC16B</i>	rs539515	C	A	19.8	17.7	18.6	19.8
<i>DSTYK</i>	rs12048743	G	C	44.2	41.8	43.8	53.3
<i>SRGAP2</i>	rs9430095	C	G	49.4	48.1	48.9	55.6
<i>PROX1</i>	rs340874	C	T	55.6	57.4	56.2	44.7
<i>LYPLAL1</i>	rs2820446	C	G	70.6	70.7	69.8	67.3
<i>ABCB10</i>	rs348330	G	A	36.1	35.5	38.6	46.2
<i>GNG4</i>	rs291367	G	A	63.2	64.9	62.2	65.3
<i>FAM49A</i>	rs11680058	A	G	86.3	85.6	88.9	77.8
<i>DTNB</i>	rs17802463	G	T	73.1	69.2	73.1	76.6
<i>GCKR</i>	rs1260326	C	T	60.7	52.9	60.2	61.9
<i>THADA</i>	rs80147536	A	T	90.4	89.4	91.1	93.8
<i>BNIP1</i>	rs6545714	G	A	39.2	40.3	39.3	38.1
<i>BCL11A</i>	rs243024	A	G	46.0	44.0	46.1	50.1
<i>CEP68</i>	rs2249105	A	G	63.4	61.5	59.9	60.6
<i>GLI2</i>	rs11688682	G	C	72.8	76.4	74.0	80.3
<i>PABPC1P2</i>	rs35999103	T	C	15.5	18.1	14.4	19.2
<i>CYTIP</i>	rs13426680	A	G	93.7	93.4	94.2	90.0
<i>RBMS1</i>	rs3772071	T	C	71.4	69.9	70.5	70.8
<i>GRB14/COBLL1</i>	rs10195252	T	C	58.6	59.5	60.0	63.3
<i>G6PC2</i>	rs1402837	T	C	23.2	23.4	23.3	22.9
<i>CRYBA2</i>	rs113414093	A	G	5.14	3.29	3.40	1.96
<i>IRS1</i>	rs2972144	G	A	63.9	63.8	65.2	71.9
<i>PPARG</i>	rs11709077	G	A	87.7	89.6	88.5	89.5

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Locus	Variant	Risk allele	Other allele	Reference RAF (%)	Gen3G RAF (%)	HAPO RAF (%)	MGH ² RAF (%)
<i>UBE2E2</i>	rs35352848	T	C	78.8	79.1	80.7	81.6
<i>KIF9</i>	rs11926707	C	T	62.6	60.5	61.7	62.5
<i>RBM6</i>	rs4688760	T	C	68.4	70.9	68.4	62.1
<i>RFT1</i>	rs2581787	T	G	56.3	55.6	57.9	57.6
<i>PSMD6</i>	rs3774723	G	A	84.4	84.4	84.3	81.2
<i>ADAMTS9</i>	rs9860730	A	G	70.4	67.0	67.9	50.2
<i>SHQ1</i>	rs13085136	C	T	92.8	94.1	93.7	93.7
<i>ROBO2</i>	rs2272163	C	A	61.8	60.5	62.1	60.9
<i>ADCY5</i>	rs11708067	A	G	77.2	79.0	77.9	77.5
<i>SLC12A8</i>	rs649961	T	C	46.5	45.0	47.1	41.1
<i>TMCC1</i>	rs9828772	C	G	89.8	91.5	89.5	90.7
<i>TSC22D2</i>	rs62271373	A	T	5.53	8.25	6.39	4.90
<i>MBNL1</i>	rs13065698	A	G	60.0	60.2	60.5	54.1
<i>EGFEM1P</i>	rs7629630	A	T	85.7	85.0	85.0	84.3
<i>SLC2A2</i>	rs9873618	G	A	71.0	67.1	70.8	68.4
<i>ABCC5</i>	rs2872246	A	C	45.4	47.4	44.5	42.2
<i>IGF2BP2</i>	rs6780171	A	T	31.4	30.5	32.3	30.8
<i>ST6GAL1</i>	rs3887925	T	C	54.7	54.7	53.6	46.6
<i>LPP</i>	rs4686471	C	T	61.0	64.4	62.1	69.7
<i>MAEA</i>	rs56337234	C	T	50.3	55.1	49.1	49.8
<i>HTT</i>	rs362307	T	C	7.68	6.63	6.79	7.92
<i>WFS1</i>	rs10937721	C	G	58.8	57.7	63.0	66.7
<i>LCORL</i>	rs12640250	C	A	71.5	72.9	72.3	68.9
<i>GNPDA2</i>	rs10938398	A	G	42.9	41.6	43.5	39.7
<i>USP46</i>	rs2102278	G	A	31.9	31.2	32.5	36.8
<i>SCD5</i>	rs12642790	A	G	33.8	34.5	33.2	32.0
<i>FAM13A</i>	rs1903002	G	C	50.1	49.8	51.7	49.8
<i>SMARCAD1</i>	rs6821438	A	G	53.4	51.8	50.5	48.8

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Locus	Variant	Risk allele	Other allele	Reference RAF (%)	Gen3G RAF (%)	HAPO RAF (%)	MGH ² RAF (%)
<i>SLC9B1</i>	rs1580278	C	A	47.3	46.0	46.4	41.3
<i>PABPC4L</i>	rs1296328	A	C	44.6	45.6	43.5	53.6
<i>TMEM154</i>	rs7669833	T	A	70.5	68.1	69.3	65.6
<i>PDGFC</i>	rs28819812	C	A	67.7	68.0	66.2	64.7
<i>ACSL1</i>	rs58730668	T	C	85.8	87.8	86.6	88.2
<i>MRPS30</i>	rs6884702	G	A	39.3	38.0	38.4	43.2
<i>ITGA1</i>	rs3811978	G	A	16.7	16.3	16.9	20.4
<i>ARL15</i>	rs702634	A	G	69.0	69.2	69.9	76.4
<i>ANKRD55</i>	rs465002	T	C	74.2	73.0	74.9	71.9
<i>PIK3R1</i>	rs4976033	G	A	41.1	41.4	38.6	43.1
<i>POC5</i>	rs2307111	T	C	60.5	58.4	60.7	56.4
<i>ZBED3</i>	rs4457053	G	A	30.4	32.8	31.3	31.8
<i>DMGDH</i>	rs1316776	C	A	64.8	66.2	65.5	65.5
<i>RASA1</i>	rs7719891	G	A	25.9	29.6	27.5	26.8
<i>PCSK1</i>	rs13179048	C	A	69.0	68.3	68.8	72.1
<i>PHF15</i>	rs329122	A	G	42.9	44.2	44.0	48.5
<i>EBF1</i>	rs3934712	C	T	20.6	23.5	21.1	31.4
<i>RREB1</i>	rs9379084	G	A	88.7	88.6	86.6	89.9
<i>CDKAL1</i>	rs7756992	G	A	27.4	26.9	26.3	30.7
<i>MHC</i>	rs601945	G	A	17.8	12.7	16.4	16.6
<i>LRFN2</i>	rs34298980	T	C	49.7	49.2	47.6	45.2
<i>VEGFA</i>	rs6458354	C	T	28.9	28.3	30.1	27.9
<i>TFAP2B</i>	rs3798519	C	A	18.4	18.0	19.1	24.4
<i>BEND3</i>	rs4946812	G	A	67.4	70.4	69.5	75.4
<i>CENPW</i>	rs11759026	G	A	23.2	22.7	24.0	30.1
<i>SOGA3</i>	rs2800733	A	G	71.7	73.4	71.2	76.2
<i>SLC35D3</i>	rs9494624	A	G	29.0	25.3	28.6	26.7
<i>MIR3668</i>	rs2982521	A	T	38.0	36.2	37.0	41.3

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Locus	Variant	Risk allele	Other allele	Reference RAF (%)	Gen3G RAF (%)	HAPO RAF (%)	MGH ² RAF (%)
<i>SLC22A3</i>	rs474513	A	G	51.7	52.3	52.5	54.4
<i>QKI</i>	rs4709746	C	T	86.8	85.4	87.4	81.9
<i>DGKB</i>	rs10228066	T	C	53.7	56.4	55.1	51.7
<i>IGF2BP3</i>	rs4279506	G	C	61.0	60.5	60.5	49.7
<i>JAZF1</i>	rs1708302	C	T	51.2	48.1	50.9	58.7
<i>CRHR2</i>	rs917195	C	T	77.0	77.1	76.2	69.8
<i>GCK</i>	rs878521	A	G	24.5	25.3	25.4	30.1
<i>FBXL13</i>	rs11496066	T	C	81.8	81.3	81.6	81.8
<i>RELN</i>	rs39328	T	C	43.3	38.4	42.8	38.8
<i>CTTNBP2</i>	rs6976111	A	C	31.3	28.9	30.2	24.4
<i>KLF14</i>	rs1562396	G	A	31.9	33.1	33.3	33.3
<i>AOC1</i>	rs62492368	A	G	30.8	32.7	30.9	37.6
<i>MNX1</i>	rs6459733	G	C	67.3	61.3	65.5	60.5
<i>PPP1R3B</i>	rs4841132	A	G	9.1	6.96	7.48	11.30
<i>MSRA</i>	rs17689007	G	A	53.3	54.1	49.0	61.8
<i>XKR6</i>	rs57327348	A	T	78.2	83.6	77.3	81.4
<i>LPL</i>	rs10096633	C	T	87.7	86.3	87.8	85.4
<i>PURG</i>	rs10954772	T	C	31.4	31.6	30.1	33.2
<i>ANK1</i>	rs13262861	C	A	82.9	79.1	82.1	82.8
<i>TP53INP1</i>	rs10097617	T	C	48.5	47.4	46.4	46.1
<i>TRHR</i>	rs12680028	C	G	53.4	54.3	53.3	45.8
<i>SLC30A8</i>	rs3802177	G	A	68.5	73.5	69.1	73.4
<i>CASC11</i>	rs17772814	G	A	91.5	92.4	93.7	94.1
<i>PVT1</i>	rs1561927	C	T	26.9	29.0	27.2	25.6
<i>BOP1</i>	rs4977213	C	T	37.5	38.0	38.2	30.4
<i>GLIS3</i>	rs10974438	C	A	35.7	35.2	34.9	29.7
<i>HAUS6</i>	rs7022807	G	A	40.1	38.6	39.2	40.0
<i>FOCAD</i>	rs7867635	C	T	41.2	42.4	42.4	50.0

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Locus	Variant	Risk allele	Other allele	Reference RAF (%)	Gen3G RAF (%)	HAPO RAF (%)	MGH ² RAF (%)
<i>CDKN2A/B</i>	rs10811660	G	A	82.8	83.6	82.5	83.6
<i>LINGO2</i>	rs1412234	C	T	32.3	31.5	32.7	26.0
<i>UBAP2</i>	rs12001437	C	T	37.2	40.5	36.6	40.6
<i>MTND2P8</i>	rs11137820	C	G	57.5	60.2	57.6	51.1
<i>TLE4</i>	rs17791513	A	G	93.2	93.7	95.2	92.1
<i>TLE1</i>	rs2796441	G	A	59.2	55.8	60.1	59.1
<i>ZNF169</i>	rs55653563	A	C	73.2	68.9	72.4	74.3
<i>ABO</i>	rs505922	C	T	33.2	34.9	29.0	29.0
<i>GPSM1</i>	rs28505901	G	A	75.2	75.2	75.8	75.1
<i>CDC123/CAMK1D</i>	rs11257655	T	C	21.8	19.1	19.8	21.3
<i>HKDC1</i>	rs4746822	T	C	69.0	65.1	65.1	57.2
<i>NEUROG3</i>	rs2642588	G	T	70.2	66.3	69.9	71.2
<i>ZMIZ1</i>	rs703972	G	C	53.3	53.9	56.0	56.7
<i>PTEN</i>	rs11202627	T	C	15.2	13.5	15.5	17.8
<i>HHEX/IDE</i>	rs10882101	T	C	58.7	55.4	59.0	59.7
<i>TCF7L2</i>	rs7903146	T	C	29.5	32.2	30.2	27.0
<i>WDR11</i>	rs72631105	A	G	19.0	18.0	17.3	17.6
<i>PLEKHA1</i>	rs2280141	T	G	51.6	53.4	52.4	43.7
<i>INS/IGF2</i>	rs4929965	A	G	38.3	36.0	36.1	35.0
<i>KCNQ1</i>	rs2237895	C	A	42.6	41.1	39.7	37.6
<i>KCNJ11</i>	rs5213	C	T	36.2	35.3	35.2	33.0
<i>METTL15</i>	rs4923543	A	G	33.2	29.5	33.4	30.1
<i>PDHX</i>	rs2767036	C	A	29.1	33.3	28.6	36.1
<i>HSD17B12</i>	rs1061810	A	C	28.8	31.8	30.9	35.7
<i>CRY2</i>	rs7115753	A	G	44.9	42.4	44.5	47.9
<i>CELF1</i>	rs7124681	A	C	41.0	43.7	42.6	38.0
<i>MAP3K11</i>	rs1783541	T	C	20.4	18.5	21.5	20.6
<i>CENTD2/ARAP1</i>	rs77464186	A	C	83.6	85.5	86.5	87.1

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<i>MTNR1B</i>	rs10830963	G	C	27.7	28.4	28.0	21.6
<i>ETS1</i>	rs67232546	T	C	20.7	21.2	20.6	19.4
<i>CDKN1B</i>	rs2066827	G	T	23.5	23.4	21.9	21.2
<i>ITPR2</i>	rs718314	G	A	25.3	24.5	24.3	34.1
<i>KLHDC5</i>	rs10842994	C	T	80.5	78.2	79.8	81.7
<i>HMGA2</i>	rs2258238	T	A	10.4	11.4	11.1	12.5
<i>TSPAN8/LGR5</i>	rs1796330	G	C	57.1	55.7	55.4	53.8
<i>USP44</i>	rs2197973	T	C	53.8	52.7	53.7	65.8
<i>RMST</i>	rs77864822	A	G	93.2	93.7	92.8	95.3
<i>WSCD2</i>	rs1426371	G	A	73.9	78.7	75.4	80.2
<i>KSR2</i>	rs34965774	A	G	14.4	13.9	12.6	15.9
<i>HNF1A</i>	rs56348580	G	C	68.9	69.4	68.5	69.2
<i>MPHOSPH9</i>	rs4148856	C	G	78.1	76.1	79.9	77.4
<i>ZNF664</i>	rs7978610	G	C	66.6	65.2	64.4	66.7
<i>FBRSL1</i>	rs12811407	A	G	33.1	30.0	32.2	27.6
<i>RNF6</i>	rs34584161	A	G	76.0	75.2	76.6	77.2
<i>HMGB1</i>	rs11842871	G	T	73.5	77.5	75.0	80.6
<i>KL</i>	rs576674	G	A	16.9	19.3	17.1	27.5
<i>DLEU1</i>	rs963740	A	T	71.3	69.0	70.2	72.6
<i>PCDH17</i>	rs9537803	C	T	27.7	26.7	25.3	27.5
<i>SRGAP2D</i>	rs9563615	A	T	71.0	70.6	70.9	71.9
<i>SPRY2</i>	rs1359790	G	A	72.0	71.4	70.3	71.3
<i>IRS2</i>	rs7987740	T	C	60.9	62.7	59.6	64.4
<i>SLC7A7</i>	rs17122772	G	C	22.8	21.2	23.4	18.7
<i>AKAP6</i>	rs17522122	T	G	47.4	46.9	40.1	40.8
<i>CLEC14A</i>	rs8017808	G	T	74.3	72.8	74.4	65.4
<i>NRXN3</i>	rs17836088	C	G	21.7	20.2	12.6	17.5
<i>SMEK1</i>	rs8010382	G	A	42.1	39.9	44.2	47.1

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MARK3	rs62007683	G	T	65.3	65.7	65.5	67.4
RASGRP1	rs34715063	C	T	12.4	12.0	12.8	1.00
LTK	rs11070332	A	G	35.8	40.8	34.8	37.1
ONECUT1	rs2456530	T	C	12.7	12.4	13.1	16.8
C2CD4A/B	rs8037894	G	C	56.6	57.4	58.0	53.7
USP3	rs7178762	C	T	46.0	39.8	44.4	48.7
MAP2K5	rs4776970	A	T	64.1	64.6	53.5	53.2
PTPN9	rs13737	G	T	75.9	72.6	72.2	69.3
HMG20A	rs1005752	A	C	71.5	72.1	71.1	63.8
AP3S2	rs4932265	T	C	26.7	28.2	26.9	24.0
PRC1	rs12910825	G	A	36.1	40.5	35.9	54.2
ITFG3	rs6600191	T	C	82.5	82.0	82.0	76.4
CLUAP1	rs3751837	T	C	22.0	22.0	22.8	19.2
ATP2A1	rs8046545	G	A	35.9	33.6	32.6	33.3
FAM57B	rs11642430	G	C	39.9	36.1	41.2	33.8
FTO	rs1421085	C	T	41.5	39.4	41.3	33.3
NFAT5	rs862320	C	T	57.8	60.4	60.4	63.3
BCAR1	rs72802342	C	A	92.3	91.9	92.6	92.1
CMIP	rs2925979	T	C	30.0	28.1	29.9	26.4
SPG7	rs12920022	A	T	15.8	16.8	14.9	14.2
ZZEF1	rs1377807	C	G	31.2	31.8	29.2	29.3
ATP1B2	rs1641523	C	T	42.8	39.8	41.3	42.9
GLP2R	rs7222481	C	G	32.4	30.6	31.4	24.6
RAI1	rs4925109	A	G	31.6	38.5	32.2	44.4
NF1	rs71372253	C	T	6.42	7.82	6.72	5.80
HNF1B	rs10908278	T	A	48.1	48.5	46.9	46.8
MLX	rs34855406	C	G	27.7	25.6	27.1	22.1
TTLL6	rs35895680	C	A	67.8	67.8	63.2	69.2

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<i>ACE</i>	rs60276348	T	C	14.0	18.7	14.8	19.2
<i>BPTF</i>	rs61676547	C	G	19.2	20.3	19.1	27.8
<i>LAMA1</i>	rs7240767	C	T	37.6	40.7	37.5	46.6
<i>COMMD9</i>	rs62080313	C	T	12.3	14.4	13.2	10.5
<i>TCF4</i>	rs72926932	C	A	8.39	7.56	7.62	5.28
<i>WDR7</i>	rs17684074	G	C	74.0	74.6	75.3	76.8
<i>GRP</i>	rs9957145	G	A	82.9	85.7	82.8	78.4
<i>MC4R</i>	rs523288	T	A	23.8	24.1	23.8	23.6
<i>BCL2A</i>	rs12454712	T	C	61.4	63.2	61.0	67.7
<i>UHRF1</i>	rs7249758	A	G	20.4	20.8	21.4	18.0
<i>INSR</i>	rs75253922	C	T	19.1	20.0	19.3	17.4
<i>MAP2K7</i>	rs4804833	A	G	39.0	40.6	39.2	44.7
<i>FARSA</i>	rs3111316	A	G	58.9	60.5	61.2	59.0
<i>TM6SF2</i>	rs8107974	T	A	7.69	6.36	6.54	7.92
<i>PEPD</i>	rs10406327	C	G	52.3	53.2	53.5	61.0
<i>TOMM40/APOE</i>	rs429358	T	C	84.6	87.8	85.3	87.2
<i>GIPR</i>	rs10406431	A	G	56.3	61.1	56.0	52.6
<i>ZC3H4</i>	rs3810291	A	G	67.3	66.4	68.0	57.5
<i>NKX2.2</i>	rs13041756	C	T	10.7	9.83	10.7	12.4
<i>RALY</i>	rs2268078	A	G	65.7	66.6	67.3	69.4
<i>EYA2</i>	rs6063048	G	A	72.5	75.6	74.2	76.9
<i>CEBPB</i>	rs11699802	C	T	53.6	55.9	54.8	53.3
<i>TSHZ2</i>	rs34454109	A	T	77.1	78.9	77.6	79.6
<i>GNAS</i>	rs6070625	G	C	51.7	45.1	51.5	49.3
<i>TCEA2</i>	rs59944054	A	G	23.8	21.5	23.0	20.5
<i>MTMR3/ASCC2</i>	rs6518681	G	A	91.4	92.6	91.2	93.0
<i>YWHAH</i>	rs117001013	C	T	91.2	94.3	92.7	94
<i>EP300</i>	rs5758223	A	G	71.7	72.7	73.3	78.0

Supplemental Table 1. Genetic Variants Selected to Generate Pregnancy Clusters

Grey shading indicates that the variant was used in the clustering procedure based on nominal association with a trait in Gen3G; RAF=Risk Allele Frequency

Locus	Variant	Risk allele	Other allele	Reference RAF (%)	Gen3G RAF (%)	HAPO RAF (%)	MGH ² RAF (%)
<i>PNPLA3</i>	rs738408	T	C	22.6	26.3	21.7	31.7
<i>PIM3</i>	rs1801645	C	T	27.5	23.3	24.6	24.0

Supplemental Table 2. Associations Between Genetic Variants and Traits in Gen3G

Linear regression was used to quantify associations between variants and 35 metabolic traits

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	-0.008	0.348	0.982	0.110	0.353	0.755
<i>FAF1</i>	rs58432198	-0.064	0.448	0.886	-0.153	0.455	0.737
<i>PATJ</i>	rs12140153	0.265	0.509	0.603	0.200	0.517	0.699
<i>PTGFRN</i>	rs1127215	-0.321	0.280	0.252	-0.310	0.285	0.277
<i>NOTCH2</i>	rs1493694	0.155	0.486	0.750	0.065	0.491	0.895
<i>SEC16B</i>	rs539515	0.294	0.373	0.430	0.176	0.379	0.642
<i>DSTYK</i>	rs12048743	-0.014	0.289	0.961	0.007	0.294	0.980
<i>SRGAP2</i>	rs9430095	0.405	0.279	0.148	0.379	0.284	0.182
<i>PROX1</i>	rs340874	0.519	0.285	0.070	0.614	0.289	0.034
<i>LYPLAL1</i>	rs2820446	-0.360	0.318	0.258	-0.426	0.323	0.188
<i>ABCB10</i>	rs348330	-0.100	0.295	0.734	-0.167	0.300	0.577
<i>GNG4</i>	rs291367	0.135	0.297	0.650	0.173	0.302	0.566
<i>FAM49A</i>	rs11680058	0.022	0.417	0.958	0.074	0.424	0.862
<i>DTNB</i>	rs17802463	0.225	0.314	0.473	0.214	0.319	0.502
<i>GCKR</i>	rs1260326	-0.011	0.279	0.968	-0.069	0.283	0.808
<i>THADA</i>	rs80147536	-0.517	0.445	0.247	-0.431	0.453	0.342
<i>BNIP1</i>	rs6545714	-0.161	0.291	0.580	-0.229	0.296	0.438
<i>BCL11A</i>	rs243024	0.228	0.283	0.420	0.303	0.287	0.291
<i>CEP68</i>	rs2249105	0.447	0.293	0.128	0.362	0.298	0.225
<i>GLI2</i>	rs11688682	-0.130	0.347	0.709	-0.223	0.352	0.527
<i>PABPC1P2</i>	rs35999103	-0.450	0.363	0.215	-0.564	0.368	0.126
<i>CYTIP</i>	rs13426680	0.009	0.568	0.988	0.002	0.578	0.997
<i>RBMS1</i>	rs3772071	-0.447	0.310	0.150	-0.403	0.315	0.201
<i>GRB14/COBLL1</i>	rs10195252	-0.553	0.302	0.067	-0.547	0.307	0.075
<i>G6PC2</i>	rs1402837	0.126	0.324	0.697	0.117	0.328	0.722
<i>CRYBA2</i>	rs113414093	-0.365	1.126	0.746	-0.702	1.120	0.531
<i>IRS1</i>	rs2972144	0.229	0.305	0.453	0.130	0.310	0.675
<i>PPARG</i>	rs11709077	-0.595	0.457	0.193	-0.518	0.463	0.264

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	0.028	0.341	0.935	0.033	0.347	0.925
<i>KIF9</i>	rs11926707	-0.160	0.297	0.589	-0.177	0.301	0.557
<i>RBM6</i>	rs4688760	-0.371	0.313	0.236	-0.425	0.318	0.181
<i>RFT1</i>	rs2581787	0.246	0.285	0.388	0.230	0.289	0.426
<i>PSMD6</i>	rs3774723	-0.026	0.390	0.947	0.004	0.397	0.993
<i>ADAMTS9</i>	rs9860730	0.046	0.296	0.876	0.054	0.301	0.858
<i>SHQ1</i>	rs13085136	-0.575	0.722	0.426	-0.941	0.729	0.197
<i>ROBO2</i>	rs2272163	-0.176	0.288	0.541	-0.273	0.292	0.350
<i>ADCY5</i>	rs11708067	0.382	0.346	0.270	0.266	0.351	0.450
<i>SLC12A8</i>	rs649961	0.084	0.283	0.767	0.165	0.287	0.565
<i>TMCC1</i>	rs9828772	-0.896	0.510	0.080	-0.996	0.519	0.056
<i>TSC22D2</i>	rs62271373	-1.042	0.503	0.039	-1.004	0.512	0.050
<i>MBNL1</i>	rs13065698	0.349	0.292	0.232	0.331	0.297	0.265
<i>EGFEM1P</i>	rs7629630	-0.520	0.398	0.192	-0.544	0.405	0.180
<i>SLC2A2</i>	rs9873618	-0.214	0.313	0.494	-0.279	0.318	0.381
<i>ABCC5</i>	rs2872246	0.313	0.273	0.252	0.236	0.277	0.395
<i>IGF2BP2</i>	rs6780171	-0.090	0.308	0.770	-0.066	0.313	0.833
<i>ST6GAL1</i>	rs3887925	0.162	0.284	0.569	0.288	0.287	0.317
<i>LPP</i>	rs4686471	0.009	0.293	0.974	-0.044	0.298	0.883
<i>MAEA</i>	rs56337234	-0.256	0.311	0.411	-0.229	0.316	0.470
<i>HTT</i>	rs362307	0.059	0.561	0.917	-0.035	0.570	0.951
<i>WFS1</i>	rs10937721	0.263	0.284	0.355	0.229	0.289	0.428
<i>LCORL</i>	rs12640250	-0.189	0.328	0.564	-0.180	0.334	0.590
<i>GNPDA2</i>	rs10938398	0.434	0.282	0.125	0.351	0.287	0.222
<i>USP46</i>	rs2102278	-0.340	0.311	0.274	-0.309	0.316	0.329
<i>SCD5</i>	rs12642790	0.092	0.301	0.759	0.150	0.306	0.624
<i>FAM13A</i>	rs1903002	-0.608	0.287	0.034	-0.586	0.291	0.045
<i>SMARCA1</i>	rs6821438	-0.095	0.290	0.744	-0.147	0.295	0.618
<i>SLC9B1</i>	rs1580278	-0.314	0.289	0.278	-0.281	0.294	0.340
<i>PABPC4L</i>	rs1296328	0.216	0.296	0.466	0.168	0.301	0.577

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	0.258	0.305	0.397	0.210	0.310	0.498
<i>PDGFC</i>	rs28819812	-0.215	0.305	0.481	-0.085	0.309	0.784
<i>ACSL1</i>	rs58730668	-0.306	0.418	0.463	-0.257	0.425	0.546
<i>MRPS30</i>	rs6884702	-0.105	0.288	0.715	-0.187	0.292	0.522
<i>ITGA1</i>	rs3811978	-0.127	0.381	0.739	-0.227	0.387	0.558
<i>ARL15</i>	rs702634	-0.302	0.309	0.329	-0.292	0.314	0.351
<i>ANKRD55</i>	rs465002	0.007	0.310	0.982	-0.013	0.316	0.968
<i>PIK3R1</i>	rs4976033	-0.221	0.280	0.431	-0.340	0.282	0.229
<i>POC5</i>	rs2307111	0.320	0.280	0.252	0.262	0.284	0.357
<i>ZBED3</i>	rs4457053	-0.331	0.306	0.280	-0.269	0.312	0.389
<i>DMGDH</i>	rs1316776	-0.055	0.300	0.855	-0.019	0.305	0.952
<i>RASA1</i>	rs7719891	0.147	0.302	0.627	0.184	0.307	0.548
<i>PCSK1</i>	rs13179048	0.128	0.301	0.671	0.108	0.307	0.724
<i>PHF15</i>	rs329122	0.137	0.296	0.643	0.069	0.300	0.818
<i>EBF1</i>	rs3934712	0.148	0.340	0.664	0.128	0.346	0.713
<i>RREB1</i>	rs9379084	-0.192	0.467	0.680	-0.164	0.470	0.727
<i>CDKAL1</i>	rs7756992	-0.249	0.316	0.431	-0.190	0.321	0.553
<i>MHC</i>	rs601945	-0.081	0.419	0.847	-0.118	0.426	0.781
<i>LRFN2</i>	rs34298980	-0.289	0.300	0.336	-0.221	0.305	0.468
<i>VEGFA</i>	rs6458354	0.219	0.319	0.492	0.309	0.324	0.339
<i>TFAP2B</i>	rs3798519	0.083	0.370	0.822	0.001	0.375	0.998
<i>BEND3</i>	rs4946812	0.013	0.322	0.969	-0.040	0.326	0.903
<i>CENPW</i>	rs11759026	0.370	0.346	0.285	0.330	0.352	0.348
<i>SOGA3</i>	rs2800733	0.611	0.318	0.055	0.555	0.324	0.087
<i>SLC35D3</i>	rs9494624	-0.615	0.321	0.056	-0.530	0.327	0.105
<i>MIR3668</i>	rs2982521	0.290	0.295	0.326	0.250	0.299	0.405
<i>SLC22A3</i>	rs474513	0.080	0.286	0.780	0.067	0.290	0.816
<i>QKI</i>	rs4709746	-0.188	0.412	0.648	-0.235	0.419	0.576
<i>DGKB</i>	rs10228066	0.383	0.285	0.179	0.300	0.289	0.299
<i>IGF2BP3</i>	rs4279506	-0.215	0.285	0.450	-0.165	0.289	0.568

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	-0.065	0.278	0.814	-0.017	0.282	0.953
CRHR2	rs917195	0.028	0.333	0.932	-0.120	0.337	0.723
GCK	rs878521	0.206	0.323	0.524	0.220	0.329	0.505
FBXL13	rs11496066	-0.518	0.375	0.167	-0.527	0.381	0.167
RELN	rs39328	0.386	0.291	0.186	0.371	0.297	0.212
CTTNBP2	rs6976111	0.306	0.311	0.327	0.348	0.317	0.272
KLF14	rs1562396	0.348	0.311	0.263	0.360	0.316	0.255
AOC1	rs62492368	-0.252	0.305	0.409	-0.215	0.310	0.488
MNX1	rs6459733	0.075	0.284	0.791	0.024	0.289	0.934
PPP1R3B	rs4841132	-0.062	0.545	0.910	0.083	0.554	0.881
MSRA	rs17689007	0.152	0.272	0.576	0.189	0.277	0.494
XKR6	rs57327348	-0.181	0.385	0.639	-0.183	0.392	0.640
LPL	rs10096633	0.195	0.417	0.641	0.248	0.424	0.559
PURG	rs10954772	-0.679	0.302	0.025	-0.740	0.306	0.016
ANK1	rs13262861	-0.405	0.350	0.248	-0.392	0.354	0.268
TP53INP1	rs10097617	0.414	0.285	0.147	0.386	0.290	0.183
TRHR	rs12680028	-0.283	0.285	0.320	-0.349	0.289	0.228
SLC30A8	rs3802177	-0.253	0.310	0.415	-0.216	0.315	0.494
CASC11	rs17772814	0.429	0.531	0.420	0.491	0.540	0.364
PVT1	rs1561927	0.402	0.310	0.195	0.438	0.315	0.165
BOP1	rs4977213	-0.053	0.284	0.851	0.004	0.289	0.988
GLIS3	rs10974438	0.154	0.295	0.602	0.128	0.300	0.670
HAUS6	rs7022807	-0.320	0.289	0.269	-0.367	0.293	0.212
FOCAD	rs7867635	0.104	0.289	0.720	0.051	0.294	0.862
CDKN2A/B	rs10811660	0.174	0.381	0.649	0.176	0.388	0.650
LINGO2	rs1412234	0.409	0.304	0.179	0.410	0.309	0.186
UBAP2	rs12001437	-0.449	0.282	0.112	-0.511	0.286	0.075
MTND2P8	rs11137820	-0.154	0.282	0.585	-0.178	0.287	0.535
TLE4	rs17791513	-0.526	0.608	0.388	-0.634	0.618	0.306
TLE1	rs2796441	-0.347	0.275	0.207	-0.325	0.279	0.245

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	0.332	0.316	0.293	0.243	0.321	0.450
<i>ABO</i>	rs505922	0.132	0.291	0.650	0.167	0.296	0.572
<i>GPSM1</i>	rs28505901	-0.282	0.360	0.434	-0.246	0.366	0.502
<i>CDC123/CAMK1D</i>	rs11257655	-0.267	0.355	0.453	-0.383	0.360	0.288
<i>HKDC1</i>	rs4746822	0.415	0.293	0.157	0.327	0.298	0.273
<i>NEUROG3</i>	rs2642588	0.206	0.307	0.503	0.180	0.312	0.565
<i>ZMIZ1</i>	rs703972	-0.178	0.295	0.545	-0.196	0.300	0.514
<i>PTEN</i>	rs11202627	0.402	0.396	0.310	0.437	0.403	0.279
<i>HHEX/IDE</i>	rs10882101	0.293	0.285	0.305	0.277	0.290	0.339
<i>TCF7L2</i>	rs7903146	0.143	0.295	0.627	0.142	0.300	0.637
<i>WDR11</i>	rs72631105	0.434	0.379	0.252	0.416	0.385	0.281
<i>PLEKHA1</i>	rs2280141	-0.137	0.286	0.631	-0.197	0.291	0.498
<i>INS/IGF2</i>	rs4929965	0.004	0.290	0.988	-0.065	0.294	0.824
<i>KCNQ1</i>	rs2237895	-0.040	0.273	0.884	-0.003	0.278	0.992
<i>KCNJ11</i>	rs5213	0.547	0.307	0.075	0.514	0.311	0.100
<i>METTL15</i>	rs4923543	-0.261	0.311	0.401	-0.168	0.315	0.593
<i>PDHX</i>	rs2767036	-0.723	0.307	0.019	-0.669	0.312	0.032
<i>HSD17B12</i>	rs1061810	-0.120	0.316	0.705	-0.103	0.321	0.748
<i>CRY2</i>	rs7115753	0.280	0.288	0.332	0.287	0.292	0.326
<i>CELF1</i>	rs7124681	0.182	0.275	0.509	0.185	0.280	0.508
<i>MAP3K11</i>	rs1783541	-0.532	0.376	0.158	-0.616	0.379	0.105
<i>CENTD2/ARAP1</i>	rs77464186	-0.893	0.401	0.026	-0.968	0.407	0.018
<i>MTNR1B</i>	rs10830963	-0.122	0.317	0.702	-0.211	0.322	0.512
<i>ETS1</i>	rs67232546	-0.512	0.341	0.134	-0.407	0.344	0.238
<i>CDKN1B</i>	rs2066827	-0.262	0.440	0.551	-0.162	0.447	0.717
<i>ITPR2</i>	rs718314	-0.644	0.324	0.048	-0.577	0.330	0.081
<i>KLHDC5</i>	rs10842994	-0.076	0.345	0.827	-0.086	0.351	0.806
<i>HMGA2</i>	rs2258238	-0.627	0.447	0.161	-0.593	0.452	0.190
<i>TSPAN8/LGR5</i>	rs1796330	-0.537	0.288	0.063	-0.537	0.293	0.067
<i>USP44</i>	rs2197973	0.093	0.277	0.737	0.021	0.281	0.942

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	-1.601	0.564	0.005	-1.627	0.574	0.005
<i>WSCD2</i>	rs1426371	-0.469	0.354	0.186	-0.490	0.360	0.174
<i>KSR2</i>	rs34965774	-0.341	0.411	0.407	-0.390	0.418	0.351
<i>HNF1A</i>	rs56348580	0.260	0.307	0.398	0.274	0.313	0.382
<i>MPHOSPH9</i>	rs4148856	0.212	0.322	0.510	0.095	0.327	0.771
<i>ZNF664</i>	rs7978610	0.230	0.290	0.429	0.246	0.295	0.404
<i>FBRSL1</i>	rs12811407	0.262	0.308	0.394	0.259	0.313	0.407
<i>RNF6</i>	rs34584161	0.541	0.320	0.092	0.608	0.325	0.062
<i>HMGB1</i>	rs11842871	0.231	0.349	0.508	0.285	0.355	0.422
<i>KL</i>	rs576674	-0.669	0.351	0.057	-0.592	0.357	0.098
<i>DLEU1</i>	rs963740	-0.150	0.313	0.633	-0.127	0.318	0.689
<i>PCDH17</i>	rs9537803	0.317	0.317	0.317	0.335	0.322	0.299
<i>SRGAP2D</i>	rs9563615	-0.055	0.320	0.865	-0.114	0.325	0.726
<i>SPRY2</i>	rs1359790	0.427	0.312	0.173	0.425	0.318	0.181
<i>IRS2</i>	rs7987740	0.160	0.296	0.589	0.096	0.301	0.751
<i>SLC7A7</i>	rs17122772	-0.480	0.362	0.185	-0.378	0.367	0.305
<i>AKAP6</i>	rs17522122	-0.317	0.278	0.255	-0.346	0.284	0.223
<i>CLEC14A</i>	rs8017808	-0.103	0.313	0.742	-0.107	0.319	0.738
<i>NRXN3</i>	rs17836088	0.292	0.348	0.403	0.254	0.354	0.474
<i>SMEK1</i>	rs8010382	-0.010	0.299	0.974	-0.004	0.304	0.988
<i>MARK3</i>	rs62007683	-0.006	0.291	0.984	0.002	0.295	0.994
<i>RASGRP1</i>	rs34715063	-0.388	0.440	0.378	-0.358	0.447	0.423
<i>LTK</i>	rs11070332	0.116	0.285	0.683	0.244	0.288	0.398
<i>ONECUT1</i>	rs2456530	0.328	0.439	0.456	0.329	0.446	0.462
<i>C2CD4A/B</i>	rs8037894	-0.176	0.282	0.533	-0.224	0.286	0.434
<i>USP3</i>	rs7178762	0.246	0.284	0.387	0.269	0.288	0.351
<i>MAP2K5</i>	rs4776970	0.197	0.288	0.493	0.229	0.292	0.433
<i>PTPN9</i>	rs13737	-0.135	0.320	0.673	-0.204	0.325	0.531
<i>HMG20A</i>	rs1005752	0.061	0.308	0.842	0.039	0.314	0.900
<i>AP3S2</i>	rs4932265	0.070	0.325	0.830	0.097	0.330	0.768

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	0.022	0.288	0.940	-0.047	0.292	0.873
<i>ITFG3</i>	rs6600191	-0.307	0.366	0.402	-0.287	0.372	0.441
<i>CLUAP1</i>	rs3751837	0.003	0.360	0.994	-0.055	0.366	0.880
<i>ATP2A1</i>	rs8046545	-0.457	0.302	0.130	-0.547	0.306	0.075
<i>FAM57B</i>	rs11642430	-0.355	0.297	0.232	-0.382	0.302	0.206
<i>FTO</i>	rs1421085	0.227	0.279	0.415	0.147	0.283	0.605
<i>NFAT5</i>	rs862320	0.352	0.285	0.218	0.289	0.290	0.320
<i>BCAR1</i>	rs72802342	1.078	0.552	0.052	0.955	0.562	0.090
<i>CMIP</i>	rs2925979	-0.294	0.306	0.338	-0.215	0.311	0.490
<i>SPG7</i>	rs12920022	-0.130	0.411	0.753	-0.168	0.418	0.688
<i>ZZEF1</i>	rs1377807	-0.255	0.304	0.401	-0.255	0.309	0.409
<i>ATP1B2</i>	rs1641523	-0.073	0.295	0.805	-0.109	0.300	0.716
<i>GLP2R</i>	rs7222481	0.007	0.310	0.981	-0.046	0.315	0.885
<i>RAI1</i>	rs4925109	0.505	0.284	0.076	0.581	0.287	0.043
<i>NF1</i>	rs71372253	-0.498	0.526	0.345	-0.518	0.536	0.334
<i>HNF1B</i>	rs10908278	0.119	0.283	0.675	0.115	0.287	0.690
<i>MLX</i>	rs34855406	-0.447	0.321	0.164	-0.355	0.326	0.277
<i>TTLL6</i>	rs35895680	0.637	0.305	0.037	0.539	0.310	0.083
<i>ACE</i>	rs60276348	-0.421	0.360	0.243	-0.446	0.366	0.224
<i>BPTF</i>	rs61676547	0.380	0.336	0.259	0.442	0.342	0.197
<i>LAMA1</i>	rs7240767	0.006	0.282	0.984	0.005	0.287	0.985
<i>COMMD9</i>	rs62080313	0.745	0.417	0.075	0.695	0.425	0.103
<i>TCF4</i>	rs72926932	-0.116	0.521	0.825	-0.061	0.528	0.909
<i>WDR7</i>	rs17684074	-0.183	0.338	0.588	-0.096	0.343	0.779
<i>GRP</i>	rs9957145	0.140	0.402	0.728	0.052	0.408	0.898
<i>MC4R</i>	rs523288	0.196	0.329	0.551	-0.002	0.329	0.995
<i>BCL2A</i>	rs12454712	-0.312	0.338	0.356	-0.248	0.343	0.469
<i>UHRF1</i>	rs7249758	-0.302	0.352	0.391	-0.176	0.357	0.622
<i>INSR</i>	rs75253922	0.439	0.361	0.224	0.375	0.367	0.307
<i>MAP2K7</i>	rs4804833	0.138	0.282	0.625	0.114	0.287	0.692

Locus	Variant	Fasting Adiponectin (adj BMI) -V2 (ug/ml)			Fasting Adiponectin -V2 (ug/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	0.198	0.288	0.492	0.261	0.292	0.373
<i>TM6SF2</i>	rs8107974	-0.250	0.556	0.653	-0.284	0.566	0.616
<i>PEPD</i>	rs10406327	-0.434	0.277	0.117	-0.440	0.281	0.118
<i>TOMM40/APOE</i>	rs429358	-0.438	0.436	0.315	-0.413	0.443	0.352
<i>GIPR</i>	rs10406431	0.018	0.285	0.951	-0.034	0.288	0.906
<i>ZC3H4</i>	rs3810291	0.204	0.305	0.504	0.189	0.311	0.543
<i>NKX2.2</i>	rs13041756	1.553	0.475	0.001	1.558	0.482	0.001
<i>RALY</i>	rs2268078	0.381	0.301	0.207	0.344	0.306	0.262
<i>EYA2</i>	rs6063048	0.315	0.331	0.342	0.280	0.337	0.407
<i>CEBPB</i>	rs11699802	-0.397	0.297	0.182	-0.429	0.302	0.157
<i>TSHZ2</i>	rs34454109	-0.059	0.341	0.863	-0.113	0.347	0.744
<i>GNAS</i>	rs6070625	-0.114	0.280	0.684	-0.032	0.284	0.911
<i>TCEA2</i>	rs59944054	-0.812	0.335	0.016	-0.717	0.340	0.035
<i>MTMR3/ASCC2</i>	rs6518681	-0.259	0.545	0.635	-0.260	0.552	0.638
<i>YWHAH</i>	rs117001013	0.252	0.607	0.678	0.536	0.614	0.383
<i>EP300</i>	rs5758223	-0.277	0.320	0.386	-0.284	0.325	0.383
<i>PNPLA3</i>	rs738408	0.337	0.318	0.290	0.417	0.323	0.197
<i>PIM3</i>	rs1801645	1.042	0.366	0.005	0.993	0.373	0.008

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	-0.863	0.605	0.154	-0.385	0.480	0.422	-0.732	0.422	0.083
<i>FAF1</i>	rs58432198	0.783	0.774	0.312	0.327	0.616	0.596	0.412	0.541	0.447
<i>PATJ</i>	rs12140153	-0.032	0.885	0.971	0.140	0.701	0.842	0.135	0.616	0.827
<i>PTGFRN</i>	rs1127215	-0.307	0.487	0.528	-0.102	0.386	0.792	-0.239	0.340	0.482
<i>NOTCH2</i>	rs1493694	0.577	0.843	0.494	0.031	0.670	0.964	0.583	0.588	0.322
<i>SEC16B</i>	rs539515	0.867	0.643	0.178	0.495	0.509	0.332	0.695	0.449	0.122
<i>DSTYK</i>	rs12048743	-0.384	0.503	0.446	-0.386	0.398	0.333	-0.021	0.351	0.952
<i>SRGAP2</i>	rs9430095	0.475	0.485	0.329	0.301	0.385	0.435	0.125	0.339	0.712
<i>PROX1</i>	rs340874	-0.587	0.494	0.235	-0.732	0.391	0.061	-0.613	0.344	0.075
<i>LYPLAL1</i>	rs2820446	0.319	0.557	0.566	0.307	0.440	0.486	0.307	0.387	0.429
<i>ABCB10</i>	rs348330	0.501	0.511	0.327	0.539	0.405	0.184	0.334	0.357	0.349
<i>GNG4</i>	rs291367	0.191	0.517	0.712	-0.329	0.411	0.423	-0.150	0.360	0.678
<i>FAM49A</i>	rs11680058	0.036	0.728	0.961	-0.025	0.576	0.965	0.046	0.508	0.927
<i>DTNB</i>	rs17802463	-0.259	0.545	0.635	0.182	0.432	0.673	-0.104	0.379	0.783
<i>GCKR</i>	rs1260326	0.810	0.484	0.094	0.766	0.384	0.047	0.550	0.338	0.104
<i>THADA</i>	rs80147536	-1.489	0.772	0.054	-1.131	0.620	0.069	-0.625	0.541	0.249
<i>BNIP1</i>	rs6545714	0.912	0.506	0.072	0.682	0.403	0.091	0.541	0.353	0.125
<i>BCL11A</i>	rs243024	-0.413	0.491	0.401	-0.344	0.388	0.376	-0.267	0.342	0.436
<i>CEP68</i>	rs2249105	0.707	0.508	0.165	0.524	0.403	0.193	0.509	0.355	0.152
<i>GLI2</i>	rs11688682	0.776	0.599	0.195	0.628	0.478	0.189	0.484	0.418	0.248
<i>PABPC1P2</i>	rs35999103	0.363	0.631	0.565	0.313	0.500	0.531	0.640	0.440	0.146
<i>CYTIP</i>	rs13426680	0.295	0.998	0.767	-0.016	0.783	0.984	0.184	0.694	0.791
<i>RBMS1</i>	rs3772071	-0.151	0.539	0.780	-0.321	0.426	0.452	-0.052	0.377	0.889
<i>GRB14/COBLL1</i>	rs10195252	-0.168	0.530	0.751	0.025	0.417	0.952	-0.125	0.369	0.736
<i>G6PC2</i>	rs1402837	0.325	0.562	0.564	0.051	0.447	0.910	-0.010	0.393	0.980
<i>CRYBA2</i>	rs113414093	2.909	1.953	0.137	1.430	1.632	0.381	1.639	1.345	0.223
<i>IRS1</i>	rs2972144	0.703	0.531	0.186	0.373	0.420	0.376	0.536	0.370	0.148
<i>PPARG</i>	rs11709077	-0.855	0.802	0.287	-0.879	0.629	0.163	-0.485	0.557	0.384

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-0.011	0.596	0.985	-0.045	0.471	0.924	0.057	0.416	0.891
<i>KIF9</i>	rs11926707	0.269	0.514	0.600	0.118	0.408	0.772	0.065	0.359	0.856
<i>RBM6</i>	rs4688760	0.619	0.545	0.257	0.550	0.433	0.204	0.380	0.379	0.316
<i>RFT1</i>	rs2581787	0.223	0.495	0.653	0.297	0.394	0.451	0.279	0.346	0.419
<i>PSMD6</i>	rs3774723	-0.556	0.687	0.419	-0.296	0.545	0.587	-0.133	0.476	0.781
<i>ADAMTS9</i>	rs9860730	-0.312	0.514	0.545	-0.174	0.409	0.670	-0.355	0.359	0.322
<i>SHQ1</i>	rs13085136	3.743	1.254	0.003	2.950	0.982	0.003	2.555	0.871	0.003
<i>ROBO2</i>	rs2272163	0.536	0.498	0.282	0.470	0.397	0.237	0.477	0.348	0.171
<i>ADCY5</i>	rs11708067	1.185	0.601	0.049	0.900	0.476	0.059	0.723	0.421	0.086
<i>SLC12A8</i>	rs649961	-0.829	0.491	0.092	-0.450	0.390	0.249	-0.529	0.342	0.122
<i>TMCC1</i>	rs9828772	0.545	0.891	0.541	1.041	0.707	0.141	0.430	0.623	0.490
<i>TSC22D2</i>	rs62271373	-0.838	0.878	0.340	-0.768	0.695	0.270	-0.364	0.615	0.554
<i>MBNL1</i>	rs13065698	0.782	0.510	0.126	0.468	0.403	0.246	0.227	0.356	0.523
<i>EGFEM1P</i>	rs7629630	-0.609	0.696	0.382	-0.091	0.555	0.870	-0.036	0.486	0.942
<i>SLC2A2</i>	rs9873618	0.719	0.546	0.189	0.610	0.431	0.158	0.517	0.381	0.175
<i>ABCC5</i>	rs2872246	0.893	0.474	0.060	0.618	0.375	0.100	0.489	0.331	0.140
<i>IGF2BP2</i>	rs6780171	-0.074	0.534	0.891	-0.063	0.423	0.881	-0.215	0.372	0.564
<i>ST6GAL1</i>	rs3887925	-1.081	0.491	0.028	-1.007	0.389	0.010	-0.627	0.342	0.067
<i>LPP</i>	rs4686471	0.161	0.511	0.753	0.212	0.406	0.602	0.222	0.357	0.533
<i>MAEA</i>	rs56337234	-0.618	0.541	0.254	-0.675	0.428	0.116	-0.041	0.379	0.914
<i>HTT</i>	rs362307	0.676	0.980	0.490	0.423	0.773	0.584	0.511	0.685	0.456
<i>WFS1</i>	rs10937721	0.593	0.494	0.230	0.533	0.391	0.173	0.208	0.345	0.547
<i>LCORL</i>	rs12640250	-0.346	0.575	0.547	-0.353	0.455	0.438	-0.116	0.400	0.771
<i>GNPDA2</i>	rs10938398	1.082	0.488	0.027	0.695	0.387	0.073	0.544	0.341	0.111
<i>USP46</i>	rs2102278	0.020	0.541	0.971	-0.076	0.432	0.860	-0.174	0.378	0.645
<i>SCD5</i>	rs12642790	-0.130	0.525	0.804	-0.356	0.416	0.393	-0.124	0.366	0.736
<i>FAM13A</i>	rs1903002	-0.323	0.498	0.518	-0.317	0.399	0.427	-0.256	0.349	0.463
<i>SMARCA1</i>	rs6821438	0.483	0.506	0.340	0.334	0.398	0.402	0.317	0.353	0.369
<i>SLC9B1</i>	rs1580278	-0.026	0.506	0.958	0.026	0.399	0.947	-0.236	0.352	0.503
<i>PABPC4L</i>	rs1296328	0.481	0.514	0.350	0.464	0.410	0.257	0.265	0.360	0.461

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	0.068	0.529	0.898	0.084	0.421	0.842	0.271	0.370	0.463
<i>PDGFC</i>	rs28819812	-0.687	0.526	0.192	-0.776	0.418	0.064	-0.589	0.367	0.109
<i>ACSL1</i>	rs58730668	-0.466	0.731	0.524	-0.562	0.577	0.331	-0.135	0.511	0.792
<i>MRPS30</i>	rs6884702	1.081	0.497	0.030	0.839	0.396	0.034	0.660	0.348	0.058
<i>ITGA1</i>	rs3811978	0.510	0.663	0.442	0.348	0.525	0.508	0.341	0.463	0.461
<i>ARL15</i>	rs702634	0.050	0.538	0.926	0.073	0.429	0.864	0.130	0.376	0.730
<i>ANKRD55</i>	rs465002	0.412	0.541	0.447	0.247	0.428	0.565	0.257	0.378	0.496
<i>PIK3R1</i>	rs4976033	0.777	0.483	0.108	0.911	0.383	0.018	0.708	0.337	0.036
<i>POC5</i>	rs2307111	0.208	0.485	0.668	0.174	0.387	0.654	0.384	0.338	0.256
<i>ZBED3</i>	rs4457053	-0.663	0.532	0.213	-0.412	0.423	0.330	-0.387	0.372	0.299
<i>DMGDH</i>	rs1316776	-0.143	0.524	0.784	-0.124	0.416	0.766	-0.252	0.366	0.492
<i>RASA1</i>	rs7719891	0.392	0.529	0.458	0.505	0.418	0.227	-0.087	0.367	0.812
<i>PCSK1</i>	rs13179048	0.225	0.525	0.669	-0.018	0.419	0.965	0.089	0.366	0.808
<i>PHF15</i>	rs329122	0.449	0.515	0.383	0.340	0.407	0.404	0.185	0.360	0.607
<i>EBF1</i>	rs3934712	-0.490	0.593	0.409	0.111	0.470	0.814	-0.098	0.415	0.813
<i>RREB1</i>	rs9379084	0.217	0.805	0.788	0.117	0.643	0.856	-0.059	0.563	0.917
<i>CDKAL1</i>	rs7756992	-0.190	0.550	0.730	-0.323	0.436	0.459	-0.208	0.384	0.588
<i>MHC</i>	rs601945	0.075	0.733	0.918	0.426	0.577	0.461	0.071	0.511	0.889
<i>LRFN2</i>	rs34298980	-0.783	0.522	0.134	-0.514	0.414	0.215	-0.595	0.364	0.103
<i>VEGFA</i>	rs6458354	-0.439	0.556	0.430	-0.603	0.439	0.170	-0.341	0.388	0.380
<i>TFAP2B</i>	rs3798519	0.739	0.633	0.244	0.499	0.502	0.321	0.671	0.442	0.130
<i>BEND3</i>	rs4946812	0.383	0.555	0.491	0.328	0.443	0.460	0.296	0.388	0.446
<i>CENPW</i>	rs11759026	0.072	0.604	0.905	0.284	0.478	0.552	0.246	0.421	0.559
<i>SOGA3</i>	rs2800733	0.060	0.556	0.915	0.131	0.442	0.767	0.171	0.389	0.660
<i>SLC35D3</i>	rs9494624	-0.468	0.559	0.403	-0.497	0.444	0.264	-0.335	0.390	0.391
<i>MIR3668</i>	rs2982521	-0.325	0.511	0.525	-0.119	0.406	0.770	0.109	0.358	0.762
<i>SLC22A3</i>	rs474513	-0.424	0.497	0.394	-0.274	0.394	0.487	-0.127	0.347	0.715
<i>QKI</i>	rs4709746	0.384	0.720	0.594	0.300	0.570	0.599	0.449	0.502	0.372
<i>DGKB</i>	rs10228066	0.883	0.493	0.074	0.467	0.394	0.237	0.607	0.344	0.078
<i>IGF2BP3</i>	rs4279506	-0.446	0.496	0.369	-0.405	0.393	0.303	-0.008	0.345	0.982

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>JAZF1</i>	rs1708302	-0.300	0.483	0.534	-0.237	0.385	0.538	-0.162	0.338	0.632
<i>CRHR2</i>	rs917195	0.690	0.575	0.230	0.611	0.460	0.184	0.616	0.401	0.125
<i>GCK</i>	rs878521	-0.545	0.564	0.334	-0.511	0.446	0.253	-0.261	0.394	0.508
<i>FBXL13</i>	rs11496066	-0.006	0.655	0.993	0.098	0.515	0.850	0.144	0.454	0.750
<i>RELN</i>	rs39328	0.173	0.506	0.733	0.428	0.401	0.287	-0.139	0.353	0.694
<i>CTTNBP2</i>	rs6976111	-0.608	0.541	0.262	-0.349	0.431	0.419	-0.264	0.378	0.485
<i>KLF14</i>	rs1562396	0.409	0.543	0.452	0.362	0.430	0.400	-0.079	0.378	0.834
<i>AOC1</i>	rs62492368	-0.137	0.535	0.798	-0.186	0.421	0.659	-0.216	0.372	0.562
<i>MNX1</i>	rs6459733	0.626	0.496	0.208	0.158	0.395	0.690	0.199	0.346	0.566
<i>PPP1R3B</i>	rs4841132	-1.699	0.949	0.074	-1.204	0.752	0.110	-0.866	0.661	0.191
<i>MSRA</i>	rs17689007	-0.288	0.475	0.544	-0.295	0.377	0.434	-0.220	0.331	0.506
<i>XKR6</i>	rs57327348	-0.470	0.668	0.482	-0.430	0.530	0.417	-0.109	0.470	0.817
<i>LPL</i>	rs10096633	-0.048	0.728	0.948	-0.276	0.576	0.632	-0.049	0.508	0.923
<i>PURG</i>	rs10954772	1.308	0.527	0.013	0.819	0.415	0.049	0.533	0.366	0.146
<i>ANK1</i>	rs13262861	0.338	0.607	0.578	0.311	0.484	0.520	0.146	0.424	0.731
<i>TP53INP1</i>	rs10097617	0.255	0.498	0.609	0.228	0.395	0.563	0.203	0.347	0.558
<i>TRHR</i>	rs12680028	0.667	0.496	0.179	0.347	0.394	0.379	0.573	0.346	0.098
<i>SLC30A8</i>	rs3802177	-0.165	0.543	0.762	-0.304	0.428	0.477	-0.304	0.378	0.421
<i>CASC11</i>	rs17772814	0.060	0.929	0.948	-0.253	0.730	0.729	-0.224	0.647	0.729
<i>PVT1</i>	rs1561927	-0.428	0.540	0.428	-0.201	0.431	0.641	-0.174	0.377	0.645
<i>BOP1</i>	rs4977213	-0.132	0.493	0.789	-0.273	0.392	0.486	-0.060	0.343	0.862
<i>GLIS3</i>	rs10974438	0.435	0.514	0.398	0.314	0.408	0.442	0.082	0.359	0.819
<i>HAUS6</i>	rs7022807	0.773	0.501	0.123	0.501	0.401	0.211	0.240	0.350	0.494
<i>FOCAD</i>	rs7867635	0.325	0.503	0.519	0.183	0.400	0.648	0.187	0.352	0.595
<i>CDKN2A/B</i>	rs10811660	-0.616	0.664	0.354	-0.419	0.526	0.426	-0.222	0.464	0.633
<i>LINGO2</i>	rs1412234	0.125	0.530	0.814	-0.026	0.420	0.951	-0.060	0.370	0.872
<i>UBAP2</i>	rs12001437	0.233	0.494	0.637	0.329	0.391	0.400	0.184	0.345	0.594
<i>MTND2P8</i>	rs11137820	0.057	0.491	0.908	-0.372	0.389	0.339	0.217	0.342	0.525
<i>TLE4</i>	rs17791513	1.202	1.056	0.255	0.661	0.843	0.434	0.647	0.739	0.381
<i>TLE1</i>	rs2796441	-0.564	0.479	0.239	-0.526	0.380	0.167	-0.190	0.335	0.571

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	0.224	0.549	0.683	0.302	0.435	0.487	0.228	0.384	0.552
<i>ABO</i>	rs505922	-0.140	0.509	0.784	-0.191	0.403	0.635	-0.207	0.355	0.559
<i>GPSM1</i>	rs28505901	-0.508	0.628	0.418	-0.251	0.497	0.615	-0.283	0.438	0.519
<i>CDC123/CAMK1D</i>	rs11257655	0.346	0.617	0.576	0.576	0.489	0.239	0.516	0.431	0.232
<i>HKDC1</i>	rs4746822	0.951	0.508	0.062	0.716	0.402	0.076	0.526	0.354	0.138
<i>NEUROG3</i>	rs2642588	0.245	0.538	0.649	0.287	0.427	0.502	0.134	0.375	0.720
<i>ZMIZ1</i>	rs703972	-0.332	0.512	0.518	-0.203	0.406	0.617	0.040	0.358	0.911
<i>PTEN</i>	rs11202627	-0.763	0.689	0.269	-0.549	0.552	0.320	-0.088	0.482	0.856
<i>HHEX/IDE</i>	rs10882101	0.153	0.497	0.759	0.087	0.394	0.825	0.267	0.346	0.440
<i>TCF7L2</i>	rs7903146	0.224	0.515	0.664	0.044	0.407	0.914	-0.124	0.360	0.731
<i>WDR11</i>	rs72631105	0.121	0.660	0.855	0.190	0.519	0.714	0.247	0.458	0.590
<i>PLEKHA1</i>	rs2280141	0.643	0.497	0.196	0.543	0.392	0.167	0.313	0.346	0.367
<i>INS/IGF2</i>	rs4929965	0.493	0.504	0.328	0.511	0.398	0.200	0.373	0.351	0.288
<i>KCNQ1</i>	rs2237895	0.105	0.477	0.826	0.025	0.378	0.948	-0.224	0.333	0.501
<i>KCNJ11</i>	rs5213	-0.394	0.533	0.461	-0.478	0.426	0.263	0.074	0.372	0.843
<i>METTL15</i>	rs4923543	-0.746	0.541	0.168	-0.483	0.426	0.258	-0.537	0.376	0.154
<i>PDHX</i>	rs2767036	-0.582	0.536	0.278	-0.504	0.426	0.237	-0.165	0.374	0.660
<i>HSD17B12</i>	rs1061810	0.391	0.551	0.479	0.370	0.437	0.398	0.001	0.385	0.998
<i>CRY2</i>	rs7115753	-0.241	0.504	0.633	-0.374	0.399	0.349	0.030	0.351	0.933
<i>CELF1</i>	rs7124681	-0.294	0.480	0.541	-0.292	0.381	0.444	-0.203	0.335	0.545
<i>MAP3K11</i>	rs1783541	0.564	0.650	0.386	0.017	0.519	0.974	0.557	0.453	0.220
<i>CENTD2/ARAP1</i>	rs77464186	0.598	0.701	0.394	0.605	0.561	0.281	0.465	0.490	0.343
<i>MTNR1B</i>	rs10830963	0.806	0.547	0.141	0.723	0.434	0.097	0.738	0.382	0.053
<i>ETS1</i>	rs67232546	-0.816	0.594	0.170	-0.661	0.472	0.162	-0.602	0.413	0.145
<i>CDKN1B</i>	rs2066827	-0.789	0.765	0.303	-0.966	0.605	0.111	-0.399	0.534	0.456
<i>ITPR2</i>	rs718314	-0.688	0.566	0.225	-0.723	0.450	0.109	-0.312	0.396	0.430
<i>KLHDC5</i>	rs10842994	0.016	0.602	0.979	0.008	0.477	0.987	-0.234	0.418	0.575
<i>HMGA2</i>	rs2258238	-0.429	0.778	0.581	-0.638	0.616	0.301	-0.443	0.542	0.415
<i>TSPAN8/LGR5</i>	rs1796330	0.286	0.502	0.569	0.127	0.399	0.750	0.099	0.351	0.778
<i>USP44</i>	rs2197973	0.679	0.480	0.158	0.611	0.382	0.111	0.481	0.336	0.153

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	0.423	0.998	0.672	0.612	0.791	0.439	0.017	0.695	0.981
<i>WSCD2</i>	rs1426371	0.283	0.619	0.648	0.329	0.493	0.505	0.120	0.432	0.781
<i>KSR2</i>	rs34965774	0.327	0.710	0.646	0.198	0.569	0.728	0.331	0.496	0.505
<i>HNF1A</i>	rs56348580	-0.215	0.536	0.689	-0.350	0.425	0.410	0.079	0.375	0.833
<i>MPHOSPH9</i>	rs4148856	0.360	0.563	0.523	0.428	0.443	0.334	0.474	0.391	0.225
<i>ZNF664</i>	rs7978610	-0.405	0.505	0.424	-0.470	0.401	0.241	-0.133	0.353	0.707
<i>FBRSL1</i>	rs12811407	0.408	0.533	0.444	0.340	0.426	0.425	-0.010	0.372	0.978
<i>RNF6</i>	rs34584161	-0.667	0.558	0.233	-0.513	0.442	0.246	-0.436	0.390	0.264
<i>HMGB1</i>	rs11842871	-0.384	0.605	0.526	-0.332	0.482	0.492	-0.341	0.423	0.420
<i>KL</i>	rs576674	0.127	0.613	0.836	-0.165	0.485	0.734	-0.068	0.428	0.873
<i>DLEU1</i>	rs963740	-0.240	0.547	0.661	0.014	0.433	0.975	-0.173	0.381	0.650
<i>PCDH17</i>	rs9537803	0.251	0.553	0.650	-0.128	0.438	0.770	0.022	0.386	0.955
<i>SRGAP2D</i>	rs9563615	0.240	0.560	0.669	0.490	0.443	0.269	0.237	0.390	0.543
<i>SPRY2</i>	rs1359790	0.300	0.546	0.583	0.120	0.432	0.781	0.169	0.381	0.657
<i>IRS2</i>	rs7987740	0.285	0.516	0.581	0.322	0.408	0.431	0.340	0.359	0.345
<i>SLC7A7</i>	rs17122772	-0.762	0.630	0.227	-0.829	0.499	0.097	-0.462	0.440	0.294
<i>AKAP6</i>	rs17522122	0.365	0.492	0.458	0.234	0.390	0.549	0.105	0.343	0.760
<i>CLEC14A</i>	rs8017808	-0.305	0.546	0.577	-0.317	0.434	0.465	0.083	0.380	0.827
<i>NRXN3</i>	rs17836088	-0.209	0.607	0.731	-0.295	0.481	0.539	0.317	0.424	0.455
<i>SMEK1</i>	rs8010382	0.418	0.520	0.421	0.388	0.413	0.348	0.180	0.363	0.620
<i>MARK3</i>	rs62007683	-0.541	0.504	0.284	-0.326	0.401	0.417	-0.310	0.352	0.380
<i>RASGRP1</i>	rs34715063	-0.290	0.764	0.704	-0.559	0.607	0.357	-0.127	0.534	0.812
<i>LTK</i>	rs11070332	-0.780	0.494	0.114	-0.727	0.392	0.064	-0.714	0.343	0.038
<i>ONECUT1</i>	rs2456530	0.000	0.763	1.000	0.265	0.608	0.664	0.054	0.534	0.920
<i>C2CD4A/B</i>	rs8037894	0.274	0.489	0.575	0.073	0.385	0.850	0.306	0.342	0.372
<i>USP3</i>	rs7178762	-0.478	0.495	0.335	-0.387	0.392	0.324	-0.177	0.345	0.609
<i>MAP2K5</i>	rs4776970	0.011	0.499	0.982	-0.062	0.397	0.876	-0.165	0.349	0.637
<i>PTPN9</i>	rs13737	0.338	0.560	0.546	0.437	0.441	0.322	0.236	0.389	0.545
<i>HMG20A</i>	rs1005752	0.384	0.540	0.477	0.110	0.426	0.797	0.284	0.375	0.450
<i>AP3S2</i>	rs4932265	0.185	0.564	0.743	-0.047	0.450	0.918	-0.066	0.394	0.868

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	-0.279	0.499	0.576	0.004	0.399	0.992	0.124	0.349	0.722
<i>ITFG3</i>	rs6600191	-0.302	0.638	0.636	0.162	0.504	0.749	-0.034	0.445	0.939
<i>CLUAP1</i>	rs3751837	-0.016	0.622	0.980	0.219	0.494	0.658	0.344	0.435	0.429
<i>ATP2A1</i>	rs8046545	0.570	0.525	0.277	0.517	0.414	0.212	0.536	0.366	0.143
<i>FAM57B</i>	rs11642430	0.234	0.520	0.653	0.172	0.412	0.677	0.232	0.362	0.521
<i>FTO</i>	rs1421085	0.841	0.483	0.082	0.749	0.382	0.051	0.556	0.337	0.100
<i>NFAT5</i>	rs862320	0.077	0.495	0.876	0.154	0.392	0.695	0.178	0.345	0.607
<i>BCAR1</i>	rs72802342	0.509	0.959	0.596	0.248	0.764	0.746	0.340	0.668	0.611
<i>CMIP</i>	rs2925979	-0.284	0.538	0.598	-0.065	0.426	0.879	-0.493	0.372	0.186
<i>SPG7</i>	rs12920022	0.613	0.715	0.392	0.345	0.568	0.543	0.245	0.500	0.625
<i>ZZEF1</i>	rs1377807	0.141	0.529	0.790	0.140	0.418	0.738	0.169	0.370	0.647
<i>ATP1B2</i>	rs1641523	0.457	0.514	0.374	0.352	0.406	0.387	0.124	0.359	0.729
<i>GLP2R</i>	rs7222481	0.740	0.542	0.172	0.671	0.428	0.118	0.426	0.377	0.259
<i>RAI1</i>	rs4925109	-0.754	0.491	0.125	-0.663	0.388	0.088	-0.506	0.343	0.141
<i>NF1</i>	rs71372253	0.294	0.917	0.749	0.441	0.730	0.546	0.175	0.642	0.785
<i>HNF1B</i>	rs10908278	-0.183	0.491	0.710	-0.215	0.393	0.585	-0.024	0.344	0.945
<i>MLX</i>	rs34855406	-0.460	0.558	0.410	-0.406	0.443	0.360	-0.362	0.389	0.353
<i>TTL6</i>	rs35895680	0.477	0.530	0.369	0.531	0.419	0.205	0.327	0.370	0.378
<i>ACE</i>	rs60276348	0.277	0.628	0.660	0.167	0.497	0.738	0.164	0.439	0.709
<i>BPTF</i>	rs61676547	-0.073	0.588	0.901	-0.218	0.465	0.639	-0.307	0.411	0.455
<i>LAMA1</i>	rs7240767	0.112	0.495	0.821	0.018	0.389	0.962	0.146	0.344	0.672
<i>COMMD9</i>	rs62080313	0.430	0.728	0.555	0.674	0.576	0.243	0.055	0.509	0.914
<i>TCF4</i>	rs72926932	-0.843	0.906	0.353	-1.032	0.720	0.152	-0.453	0.634	0.475
<i>WDR7</i>	rs17684074	-1.017	0.578	0.079	-0.456	0.466	0.328	-0.828	0.404	0.041
<i>GRP</i>	rs9957145	0.562	0.705	0.426	0.453	0.553	0.413	0.546	0.488	0.263
<i>MC4R</i>	rs523288	1.525	0.561	0.007	0.948	0.450	0.035	1.146	0.390	0.003
<i>BCL2A</i>	rs12454712	-0.457	0.591	0.440	-0.445	0.467	0.341	-0.249	0.411	0.545
<i>UHRF1</i>	rs7249758	-0.489	0.612	0.425	-0.371	0.485	0.444	-0.721	0.426	0.091
<i>INSR</i>	rs75253922	1.034	0.628	0.100	0.774	0.498	0.120	0.450	0.439	0.306
<i>MAP2K7</i>	rs4804833	0.207	0.494	0.675	0.378	0.393	0.337	0.108	0.345	0.755

Locus	Variant	Body Fat Percentage - V1 (%)			Body Fat Percentage - V2 (%)			BMI - V1 (kg/m2)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-0.378	0.501	0.450	-0.511	0.397	0.199	-0.209	0.349	0.550
<i>TM6SF2</i>	rs8107974	0.465	0.972	0.632	0.061	0.763	0.936	0.234	0.677	0.729
<i>PEPD</i>	rs10406327	0.321	0.483	0.507	0.135	0.384	0.725	0.195	0.336	0.563
<i>TOMM40/APOE</i>	rs429358	0.271	0.763	0.723	0.787	0.602	0.191	-0.120	0.530	0.822
<i>GIPR</i>	rs10406431	0.454	0.495	0.360	0.422	0.391	0.282	0.315	0.345	0.362
<i>ZC3H4</i>	rs3810291	0.111	0.533	0.835	0.115	0.422	0.785	0.036	0.372	0.924
<i>NKX2.2</i>	rs13041756	0.683	0.837	0.415	-0.089	0.663	0.893	0.065	0.582	0.911
<i>RALY</i>	rs2268078	0.498	0.525	0.343	0.426	0.415	0.305	0.345	0.366	0.346
<i>EYA2</i>	rs6063048	0.083	0.578	0.885	-0.025	0.458	0.957	0.009	0.404	0.983
<i>CEBPB</i>	rs11699802	0.156	0.522	0.764	0.202	0.412	0.624	0.171	0.363	0.637
<i>TSHZ2</i>	rs34454109	0.790	0.593	0.184	0.625	0.470	0.185	0.235	0.415	0.571
<i>GNAS</i>	rs6070625	-0.175	0.486	0.719	-0.220	0.385	0.568	-0.197	0.339	0.561
<i>TCEA2</i>	rs59944054	-0.671	0.585	0.252	-0.316	0.463	0.495	-0.691	0.408	0.091
<i>MTMR3/ASCC2</i>	rs6518681	-0.409	0.948	0.666	-0.606	0.754	0.422	-0.093	0.663	0.888
<i>YWHAH</i>	rs117001013	-2.797	1.063	0.009	-2.383	0.832	0.004	-1.676	0.735	0.023
<i>EP300</i>	rs5758223	-0.157	0.558	0.778	-0.157	0.442	0.722	0.015	0.390	0.968
<i>PNPLA3</i>	rs738408	-0.557	0.552	0.313	-0.546	0.436	0.212	-0.441	0.385	0.253
<i>PIM3</i>	rs1801645	0.513	0.642	0.425	0.365	0.510	0.474	0.177	0.449	0.694

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	-0.595	0.395	0.132	2.534	39.847	0.949	0.023	0.028	0.408
<i>FAF1</i>	rs58432198	0.422	0.507	0.405	33.331	51.238	0.516	-0.001	0.035	0.977
<i>PATJ</i>	rs12140153	0.240	0.579	0.679	60.635	57.888	0.295	0.045	0.040	0.267
<i>PTGFRN</i>	rs1127215	-0.158	0.319	0.620	-36.111	32.447	0.266	-0.020	0.022	0.373
<i>NOTCH2</i>	rs1493694	0.284	0.554	0.608	2.198	55.877	0.969	0.008	0.039	0.829
<i>SEC16B</i>	rs539515	0.554	0.420	0.188	-40.534	42.647	0.342	-0.040	0.029	0.174
<i>DSTYK</i>	rs12048743	-0.064	0.328	0.845	15.516	33.362	0.642	0.023	0.023	0.308
<i>SRGAP2</i>	rs9430095	0.089	0.317	0.780	16.147	32.218	0.616	0.010	0.022	0.650
<i>PROX1</i>	rs340874	-0.726	0.321	0.024	-44.907	32.789	0.171	-0.003	0.023	0.910
<i>LYPLAL1</i>	rs2820446	0.319	0.362	0.379	66.697	36.624	0.069	0.010	0.025	0.685
<i>ABCB10</i>	rs348330	0.402	0.334	0.229	-66.720	34.093	0.051	0.007	0.023	0.770
<i>GNG4</i>	rs291367	-0.251	0.338	0.458	-6.444	34.175	0.851	0.004	0.024	0.867
<i>FAM49A</i>	rs11680058	-0.285	0.474	0.548	39.901	48.216	0.408	-0.019	0.033	0.568
<i>DTNB</i>	rs17802463	-0.006	0.357	0.986	35.141	36.175	0.332	-0.043	0.025	0.087
<i>GCKR</i>	rs1260326	0.480	0.317	0.131	28.336	32.020	0.377	0.040	0.022	0.073
<i>THADA</i>	rs80147536	-0.493	0.506	0.331	-9.473	51.904	0.855	-0.005	0.035	0.890
<i>BNIP1</i>	rs6545714	0.387	0.330	0.242	90.880	33.400	0.007	0.024	0.023	0.304
<i>BCL11A</i>	rs243024	-0.264	0.321	0.412	-39.320	32.524	0.227	-0.033	0.022	0.147
<i>CEP68</i>	rs2249105	0.396	0.333	0.234	-2.390	33.922	0.944	-0.022	0.023	0.342
<i>GLI2</i>	rs11688682	0.505	0.393	0.199	100.946	39.893	0.012	0.025	0.027	0.360
<i>PABPC1P2</i>	rs35999103	0.487	0.412	0.238	21.151	41.920	0.614	-0.017	0.029	0.550
<i>CYTIP</i>	rs13426680	0.018	0.648	0.978	80.507	65.098	0.217	0.008	0.045	0.855
<i>RBMS1</i>	rs3772071	-0.296	0.352	0.401	21.365	35.565	0.548	-0.021	0.025	0.402
<i>GRB14/COBLL1</i>	rs10195252	-0.019	0.344	0.956	-15.035	34.863	0.666	-0.015	0.024	0.534
<i>G6PC2</i>	rs1402837	-0.010	0.369	0.979	-4.346	37.192	0.907	0.065	0.026	0.011
<i>CRYBA2</i>	rs113414093	1.089	1.283	0.396	172.943	126.675	0.173	0.106	0.089	0.235
<i>IRS1</i>	rs2972144	0.435	0.346	0.210	-25.435	35.125	0.469	0.007	0.024	0.786
<i>PPARG</i>	rs11709077	-0.522	0.521	0.317	58.133	52.470	0.268	0.069	0.036	0.058

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-0.049	0.389	0.899	-26.976	39.179	0.491	-0.027	0.027	0.321
<i>KIF9</i>	rs11926707	0.013	0.337	0.970	-41.131	34.019	0.227	0.003	0.024	0.892
<i>RBM6</i>	rs4688760	0.301	0.356	0.398	-10.131	36.191	0.780	-0.019	0.025	0.437
<i>RFT1</i>	rs2581787	0.268	0.323	0.407	32.759	32.504	0.314	0.002	0.023	0.920
<i>PSMD6</i>	rs3774723	-0.192	0.445	0.667	-62.649	44.762	0.162	0.034	0.031	0.272
<i>ADAMTS9</i>	rs9860730	-0.149	0.336	0.659	-12.828	34.189	0.708	0.001	0.024	0.983
<i>SHQ1</i>	rs13085136	2.434	0.812	0.003	141.379	82.088	0.086	0.137	0.057	0.017
<i>ROBO2</i>	rs2272163	0.543	0.326	0.097	19.636	33.204	0.555	-0.014	0.023	0.553
<i>ADCY5</i>	rs11708067	0.632	0.393	0.108	65.960	39.648	0.097	0.012	0.028	0.664
<i>SLC12A8</i>	rs649961	-0.448	0.321	0.163	-22.659	32.567	0.487	-0.043	0.022	0.057
<i>TMCC1</i>	rs9828772	0.564	0.583	0.333	7.557	59.141	0.898	-0.002	0.041	0.969
<i>TSC22D2</i>	rs62271373	-0.211	0.573	0.712	24.864	58.547	0.671	0.025	0.040	0.529
<i>MBNL1</i>	rs13065698	0.128	0.333	0.702	21.052	33.751	0.533	-0.003	0.023	0.907
<i>EGFEM1P</i>	rs7629630	0.125	0.454	0.783	53.178	46.093	0.249	0.027	0.032	0.397
<i>SLC2A2</i>	rs9873618	0.456	0.356	0.201	4.536	35.973	0.900	0.060	0.025	0.016
<i>ABCC5</i>	rs2872246	0.328	0.310	0.291	-51.280	31.346	0.102	0.014	0.022	0.517
<i>IGF2BP2</i>	rs6780171	-0.120	0.349	0.732	-49.228	35.481	0.166	0.021	0.024	0.401
<i>ST6GAL1</i>	rs3887925	-0.759	0.320	0.018	-69.124	32.440	0.034	-0.036	0.022	0.112
<i>LPP</i>	rs4686471	0.307	0.334	0.358	31.861	33.847	0.347	-0.022	0.023	0.352
<i>MAEA</i>	rs56337234	-0.218	0.354	0.538	22.020	36.083	0.542	0.013	0.025	0.612
<i>HTT</i>	rs362307	0.558	0.639	0.383	-71.766	64.613	0.267	-0.030	0.045	0.506
<i>WFS1</i>	rs10937721	0.196	0.322	0.542	-44.829	32.808	0.172	-0.002	0.023	0.926
<i>LCORL</i>	rs12640250	-0.186	0.374	0.619	-39.972	37.823	0.291	0.028	0.026	0.286
<i>GNPDA2</i>	rs10938398	0.417	0.321	0.194	46.638	32.743	0.155	-0.015	0.022	0.509
<i>USP46</i>	rs2102278	-0.219	0.354	0.538	-19.052	35.970	0.597	-0.002	0.025	0.936
<i>SCD5</i>	rs12642790	-0.341	0.342	0.318	-56.558	34.710	0.104	-0.025	0.024	0.294
<i>FAM13A</i>	rs1903002	-0.180	0.328	0.583	57.444	33.097	0.083	0.020	0.023	0.377
<i>SMARCA1</i>	rs6821438	0.358	0.330	0.278	-24.775	33.456	0.459	0.025	0.023	0.271
<i>SLC9B1</i>	rs1580278	-0.066	0.330	0.842	3.618	33.287	0.913	0.019	0.023	0.423
<i>PABPC4L</i>	rs1296328	0.165	0.337	0.626	-39.910	34.173	0.243	0.003	0.024	0.890

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	0.253	0.346	0.464	-5.354	35.348	0.880	-0.020	0.024	0.416
<i>PDGFC</i>	rs28819812	-0.621	0.344	0.072	-29.090	34.817	0.404	-0.029	0.024	0.231
<i>ACSL1</i>	rs58730668	-0.300	0.476	0.529	-31.407	47.860	0.512	-0.062	0.033	0.064
<i>MRPS30</i>	rs6884702	0.558	0.327	0.088	12.458	33.161	0.707	0.042	0.023	0.066
<i>ITGA1</i>	rs3811978	0.384	0.433	0.376	138.027	43.747	0.002	0.027	0.031	0.370
<i>ARL15</i>	rs702634	0.168	0.352	0.633	-42.561	35.627	0.233	-0.018	0.025	0.467
<i>ANKRD55</i>	rs465002	0.192	0.353	0.588	77.510	35.758	0.031	0.037	0.025	0.133
<i>PIK3R1</i>	rs4976033	0.838	0.315	0.008	42.079	31.942	0.188	0.026	0.022	0.232
<i>POC5</i>	rs2307111	0.341	0.317	0.283	21.862	32.006	0.495	0.006	0.022	0.786
<i>ZBED3</i>	rs4457053	-0.368	0.349	0.292	-23.352	35.318	0.509	0.001	0.025	0.965
<i>DMGDH</i>	rs1316776	-0.159	0.342	0.643	-23.008	34.611	0.506	-0.010	0.024	0.666
<i>RASA1</i>	rs7719891	-0.095	0.344	0.782	-37.212	34.774	0.285	0.029	0.024	0.233
<i>PCSK1</i>	rs13179048	-0.012	0.343	0.973	19.963	34.715	0.565	0.082	0.024	0.001
<i>PHF15</i>	rs329122	0.260	0.337	0.441	63.824	33.927	0.060	0.024	0.024	0.314
<i>EBF1</i>	rs3934712	0.140	0.388	0.718	54.838	39.254	0.163	0.008	0.027	0.777
<i>RREB1</i>	rs9379084	-0.294	0.531	0.580	2.928	53.012	0.956	-0.002	0.037	0.963
<i>CDKAL1</i>	rs7756992	-0.309	0.359	0.390	3.416	36.399	0.925	0.015	0.025	0.543
<i>MHC</i>	rs601945	0.239	0.477	0.617	90.716	48.485	0.062	0.007	0.033	0.828
<i>LRFN2</i>	rs34298980	-0.457	0.341	0.181	-23.932	34.826	0.492	-0.005	0.024	0.850
<i>VEGFA</i>	rs6458354	-0.394	0.362	0.277	12.892	36.718	0.726	0.026	0.025	0.300
<i>TFAP2B</i>	rs3798519	0.503	0.414	0.225	7.186	42.408	0.866	0.020	0.029	0.493
<i>BEND3</i>	rs4946812	0.337	0.365	0.357	-37.227	36.791	0.312	0.004	0.025	0.886
<i>CENPW</i>	rs11759026	0.285	0.394	0.470	-25.736	39.963	0.520	-0.013	0.028	0.628
<i>SOGA3</i>	rs2800733	0.185	0.363	0.611	15.283	36.639	0.677	-0.010	0.025	0.707
<i>SLC35D3</i>	rs9494624	-0.448	0.366	0.222	-13.594	36.976	0.713	-0.042	0.026	0.099
<i>MIR3668</i>	rs2982521	0.279	0.335	0.405	-17.289	33.967	0.611	-0.025	0.023	0.284
<i>SLC22A3</i>	rs474513	-0.087	0.325	0.790	18.076	32.759	0.581	-0.013	0.023	0.568
<i>QKI</i>	rs4709746	0.247	0.470	0.599	47.026	47.520	0.323	0.009	0.033	0.785
<i>DGKB</i>	rs10228066	0.426	0.323	0.188	-25.566	32.819	0.436	0.027	0.023	0.229
<i>IGF2BP3</i>	rs4279506	-0.103	0.324	0.751	-15.832	32.843	0.630	-0.011	0.023	0.622

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	-0.169	0.317	0.595	-39.076	31.997	0.223	-0.045	0.022	0.042
CRHR2	rs917195	0.756	0.376	0.045	40.010	38.033	0.293	0.025	0.026	0.346
GCK	rs878521	-0.166	0.368	0.652	7.419	37.326	0.843	0.031	0.026	0.233
FBXL13	rs11496066	0.180	0.425	0.672	-63.174	42.764	0.140	0.041	0.030	0.166
RELN	rs39328	0.027	0.331	0.935	-53.153	33.461	0.113	0.001	0.023	0.982
CTTNBP2	rs6976111	-0.315	0.354	0.375	-39.337	35.748	0.272	0.008	0.025	0.746
KLF14	rs1562396	0.047	0.354	0.896	10.186	35.968	0.777	-0.017	0.025	0.481
AOC1	rs62492368	-0.214	0.347	0.537	-30.132	35.024	0.390	-0.024	0.024	0.328
MNX1	rs6459733	0.187	0.324	0.563	42.460	32.633	0.194	0.010	0.023	0.665
PPP1R3B	rs4841132	-0.810	0.620	0.192	65.635	62.365	0.293	0.024	0.043	0.575
MSRA	rs17689007	-0.186	0.310	0.549	-4.139	31.366	0.895	-0.031	0.022	0.159
XKR6	rs57327348	-0.156	0.439	0.723	-29.134	44.790	0.516	0.023	0.031	0.449
LPL	rs10096633	-0.083	0.476	0.861	-18.619	47.778	0.697	-0.013	0.033	0.688
PURG	rs10954772	0.485	0.343	0.158	-3.306	34.880	0.925	0.017	0.024	0.473
ANK1	rs13262861	0.304	0.399	0.446	-3.678	40.086	0.927	0.014	0.028	0.610
TP53INP1	rs10097617	0.258	0.325	0.427	-4.549	32.833	0.890	0.029	0.023	0.208
TRHR	rs12680028	0.357	0.324	0.272	37.705	32.401	0.245	0.022	0.023	0.332
SLC30A8	rs3802177	-0.332	0.353	0.347	-11.041	36.033	0.759	-0.027	0.025	0.281
CASC11	rs17772814	-0.358	0.603	0.554	-7.769	61.250	0.899	-0.054	0.042	0.203
PVT1	rs1561927	-0.129	0.354	0.716	-21.669	35.622	0.543	-0.020	0.025	0.430
BOP1	rs4977213	-0.197	0.323	0.542	-71.338	32.373	0.028	-0.032	0.023	0.155
GLIS3	rs10974438	0.164	0.335	0.624	-28.417	34.067	0.405	0.023	0.024	0.325
HAUS6	rs7022807	0.071	0.329	0.829	43.934	33.172	0.186	0.058	0.023	0.012
FOCAD	rs7867635	0.214	0.329	0.516	-8.995	33.348	0.787	-0.019	0.023	0.420
CDKN2A/B	rs10811660	-0.136	0.434	0.755	-32.161	44.654	0.472	0.023	0.030	0.440
LINGO2	rs1412234	0.015	0.346	0.966	7.797	35.143	0.825	0.011	0.024	0.640
UBAP2	rs12001437	0.271	0.322	0.400	11.794	32.667	0.718	0.016	0.023	0.468
MTND2P8	rs11137820	0.077	0.320	0.810	-38.388	32.295	0.235	-0.046	0.022	0.041
TLE4	rs17791513	0.606	0.693	0.383	109.803	70.151	0.118	-0.051	0.048	0.292
TLE1	rs2796441	-0.231	0.313	0.461	-7.532	31.808	0.813	0.009	0.022	0.697

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	0.309	0.358	0.389	45.880	36.345	0.207	0.023	0.025	0.358
<i>ABO</i>	rs505922	-0.178	0.332	0.592	-82.214	33.332	0.014	-0.003	0.023	0.906
<i>GPSM1</i>	rs28505901	-0.230	0.410	0.575	32.553	41.334	0.431	0.007	0.029	0.796
<i>CDC123/CAMK1D</i>	rs11257655	0.700	0.402	0.082	-47.025	40.871	0.250	0.011	0.028	0.693
<i>HKDC1</i>	rs4746822	0.562	0.331	0.090	-13.077	33.767	0.699	-0.029	0.023	0.213
<i>NEUROG3</i>	rs2642588	0.200	0.350	0.569	50.971	35.306	0.149	-0.010	0.024	0.689
<i>ZMIZ1</i>	rs703972	0.108	0.335	0.748	50.996	33.946	0.134	-0.003	0.023	0.893
<i>PTEN</i>	rs11202627	-0.076	0.450	0.866	54.397	45.395	0.231	0.062	0.031	0.048
<i>HHEX/IDE</i>	rs10882101	0.166	0.324	0.609	16.013	32.772	0.625	0.001	0.023	0.978
<i>TCF7L2</i>	rs7903146	-0.090	0.336	0.788	44.736	33.965	0.188	0.044	0.023	0.060
<i>WDR11</i>	rs72631105	0.208	0.428	0.627	-39.896	43.263	0.357	-0.018	0.030	0.551
<i>PLEKHA1</i>	rs2280141	0.282	0.324	0.385	-12.887	32.891	0.695	0.016	0.023	0.474
<i>INS/IGF2</i>	rs4929965	0.442	0.328	0.179	5.627	33.332	0.866	-0.020	0.023	0.395
<i>KCNQ1</i>	rs2237895	-0.197	0.311	0.527	-8.222	31.430	0.794	-0.022	0.022	0.310
<i>KCNJ11</i>	rs5213	-0.046	0.351	0.895	-14.112	35.485	0.691	-0.026	0.024	0.285
<i>METTL15</i>	rs4923543	-0.530	0.351	0.132	-35.831	35.829	0.318	0.001	0.025	0.973
<i>PDHX</i>	rs2767036	-0.201	0.350	0.566	-58.518	35.404	0.099	-0.003	0.025	0.888
<i>HSD17B12</i>	rs1061810	0.001	0.360	0.999	-64.550	36.280	0.076	0.007	0.025	0.780
<i>CRY2</i>	rs7115753	0.092	0.328	0.780	-20.410	33.252	0.540	0.001	0.023	0.965
<i>CELF1</i>	rs7124681	-0.103	0.313	0.743	-27.906	31.696	0.379	0.003	0.022	0.877
<i>MAP3K11</i>	rs1783541	0.238	0.428	0.579	-80.124	43.469	0.066	0.017	0.030	0.559
<i>CENTD2/ARAP1</i>	rs77464186	0.366	0.459	0.425	96.863	45.960	0.036	-0.017	0.032	0.603
<i>MTNR1B</i>	rs10830963	0.562	0.358	0.118	3.853	36.495	0.916	0.109	0.025	0.000
<i>ETS1</i>	rs67232546	-0.612	0.388	0.115	-58.783	38.896	0.131	-0.020	0.027	0.467
<i>CDKN1B</i>	rs2066827	-0.612	0.499	0.221	-83.187	50.313	0.099	-0.035	0.035	0.311
<i>ITPR2</i>	rs718314	-0.419	0.370	0.258	52.166	37.442	0.164	-0.012	0.026	0.655
<i>KLHDC5</i>	rs10842994	-0.010	0.393	0.981	-21.118	39.662	0.595	0.001	0.028	0.972
<i>HMGA2</i>	rs2258238	-0.349	0.509	0.493	-69.998	51.061	0.171	0.044	0.035	0.219
<i>TSPAN8/LGR5</i>	rs1796330	0.098	0.328	0.766	57.315	33.263	0.085	0.031	0.023	0.181
<i>USP44</i>	rs2197973	0.527	0.314	0.094	-17.401	31.786	0.584	-0.008	0.022	0.714

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	0.135	0.648	0.834	15.058	65.906	0.819	0.035	0.046	0.441
<i>WSCD2</i>	rs1426371	0.116	0.404	0.773	-46.538	40.767	0.254	0.002	0.028	0.952
<i>KSR2</i>	rs34965774	0.309	0.467	0.509	10.317	47.151	0.827	0.073	0.032	0.024
<i>HNF1A</i>	rs56348580	-0.019	0.351	0.957	11.909	35.484	0.737	0.011	0.025	0.660
<i>MPHOSPH9</i>	rs4148856	0.567	0.365	0.121	67.385	36.754	0.067	0.054	0.025	0.034
<i>ZNF664</i>	rs7978610	-0.152	0.330	0.646	-14.725	33.267	0.658	-0.004	0.023	0.850
<i>FBRSL1</i>	rs12811407	0.042	0.351	0.906	-46.413	35.423	0.191	0.033	0.024	0.183
<i>RNF6</i>	rs34584161	-0.524	0.364	0.151	36.968	36.730	0.315	-0.019	0.026	0.465
<i>HMGB1</i>	rs11842871	-0.323	0.395	0.415	46.972	40.292	0.244	-0.002	0.028	0.948
<i>KL</i>	rs576674	-0.360	0.401	0.369	-0.836	40.412	0.984	-0.009	0.028	0.745
<i>DLEU1</i>	rs963740	-0.150	0.356	0.673	71.518	35.928	0.047	0.023	0.025	0.361
<i>PCDH17</i>	rs9537803	-0.017	0.361	0.962	12.795	36.692	0.727	-0.007	0.025	0.773
<i>SRGAP2D</i>	rs9563615	0.357	0.364	0.327	59.488	36.943	0.108	0.013	0.025	0.597
<i>SPRY2</i>	rs1359790	0.128	0.356	0.719	20.704	36.067	0.566	0.021	0.025	0.388
<i>IRS2</i>	rs7987740	0.434	0.336	0.197	29.764	34.053	0.382	0.006	0.024	0.789
<i>SLC7A7</i>	rs17122772	-0.467	0.412	0.257	-56.309	41.746	0.178	-0.046	0.029	0.107
<i>AKAP6</i>	rs17522122	0.157	0.320	0.624	-27.378	32.629	0.402	0.001	0.022	0.976
<i>CLEC14A</i>	rs8017808	-0.036	0.357	0.919	46.547	36.042	0.197	-0.033	0.025	0.190
<i>NRXN3</i>	rs17836088	0.138	0.397	0.728	4.078	40.031	0.919	0.004	0.028	0.888
<i>SMEK1</i>	rs8010382	0.099	0.341	0.772	26.699	34.448	0.439	0.035	0.024	0.147
<i>MARK3</i>	rs62007683	-0.251	0.331	0.448	17.083	33.556	0.611	0.007	0.023	0.771
<i>RASGRP1</i>	rs34715063	-0.434	0.500	0.386	-56.174	50.502	0.266	0.054	0.035	0.122
<i>LTK</i>	rs11070332	-0.660	0.321	0.040	-66.452	32.414	0.041	-0.007	0.023	0.751
<i>ONECUT1</i>	rs2456530	0.086	0.500	0.864	45.708	50.542	0.366	0.054	0.035	0.123
<i>C2CD4A/B</i>	rs8037894	0.145	0.320	0.651	33.687	32.371	0.299	0.020	0.023	0.366
<i>USP3</i>	rs7178762	-0.320	0.323	0.322	10.412	32.621	0.750	-0.011	0.023	0.622
<i>MAP2K5</i>	rs4776970	-0.135	0.327	0.680	-4.734	33.265	0.887	-0.014	0.023	0.552
<i>PTPN9</i>	rs13737	0.270	0.364	0.458	-32.125	36.667	0.381	-0.025	0.025	0.325
<i>HMG20A</i>	rs1005752	0.064	0.351	0.855	4.420	35.537	0.901	0.012	0.025	0.637
<i>AP3S2</i>	rs4932265	-0.252	0.369	0.496	-4.865	37.417	0.897	0.008	0.026	0.767

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	0.203	0.327	0.536	-2.085	33.081	0.950	0.004	0.023	0.853
<i>ITFG3</i>	rs6600191	-0.030	0.416	0.942	50.464	41.888	0.229	-0.016	0.029	0.584
<i>CLUAP1</i>	rs3751837	0.330	0.407	0.417	-12.966	41.327	0.754	-0.035	0.029	0.220
<i>ATP2A1</i>	rs8046545	0.542	0.342	0.114	-0.897	34.918	0.980	-0.027	0.024	0.255
<i>FAM57B</i>	rs11642430	0.152	0.338	0.653	3.944	34.049	0.908	0.061	0.024	0.010
<i>FTO</i>	rs1421085	0.505	0.315	0.109	5.707	32.023	0.859	0.046	0.022	0.039
<i>NFAT5</i>	rs862320	0.266	0.324	0.412	-30.267	32.776	0.356	-0.023	0.023	0.319
<i>BCAR1</i>	rs72802342	0.454	0.628	0.470	-118.761	63.384	0.061	-0.035	0.044	0.426
<i>CMIP</i>	rs2925979	-0.418	0.348	0.230	-1.194	35.361	0.973	-0.033	0.024	0.177
<i>SPG7</i>	rs12920022	0.009	0.468	0.984	1.652	47.540	0.972	0.010	0.033	0.759
<i>ZZEF1</i>	rs1377807	0.189	0.345	0.585	6.321	35.025	0.857	-0.057	0.024	0.017
<i>ATP1B2</i>	rs1641523	0.149	0.335	0.656	66.089	33.710	0.050	0.029	0.023	0.210
<i>GLP2R</i>	rs7222481	0.433	0.352	0.220	69.620	35.513	0.050	0.034	0.025	0.162
<i>RAI1</i>	rs4925109	-0.530	0.321	0.099	-34.558	32.738	0.292	0.008	0.022	0.728
<i>NF1</i>	rs71372253	0.134	0.601	0.823	19.143	62.321	0.759	0.047	0.042	0.261
<i>HNF1B</i>	rs10908278	0.093	0.323	0.774	-27.941	32.470	0.390	-0.034	0.023	0.134
<i>MLX</i>	rs34855406	-0.489	0.365	0.181	-29.563	36.853	0.423	0.000	0.026	0.988
<i>TTL6</i>	rs35895680	0.399	0.345	0.249	41.313	35.100	0.240	0.015	0.024	0.542
<i>ACE</i>	rs60276348	0.154	0.410	0.707	-36.132	41.299	0.382	0.016	0.029	0.582
<i>BPTF</i>	rs61676547	-0.336	0.383	0.381	-6.298	38.654	0.871	-0.034	0.027	0.199
<i>LAMA1</i>	rs7240767	0.116	0.321	0.718	-9.042	32.562	0.781	-0.001	0.023	0.955
<i>COMMD9</i>	rs62080313	0.283	0.475	0.552	30.839	48.760	0.527	-0.002	0.033	0.946
<i>TCF4</i>	rs72926932	-0.685	0.594	0.249	-8.757	60.499	0.885	0.007	0.042	0.869
<i>WDR7</i>	rs17684074	-0.536	0.382	0.161	-40.621	38.933	0.297	0.026	0.027	0.339
<i>GRP</i>	rs9957145	0.475	0.457	0.299	1.422	46.157	0.975	0.040	0.032	0.212
<i>MC4R</i>	rs523288	0.916	0.370	0.014	41.494	37.312	0.267	0.031	0.026	0.230
<i>BCL2A</i>	rs12454712	-0.324	0.385	0.401	-31.276	38.768	0.420	0.000	0.027	0.998
<i>UHRF1</i>	rs7249758	-0.638	0.399	0.110	-87.206	40.147	0.030	-0.022	0.028	0.441
<i>INSR</i>	rs75253922	0.384	0.411	0.351	-24.942	41.486	0.548	-0.065	0.029	0.024
<i>MAP2K7</i>	rs4804833	0.261	0.323	0.419	60.788	32.735	0.064	0.050	0.023	0.029

Locus	Variant	BMI - V2 (kg/m2)			Fasting C-Peptide (pg/ml)			Fasting Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-0.305	0.326	0.351	-16.389	33.052	0.620	0.002	0.023	0.933
<i>TM6SF2</i>	rs8107974	0.207	0.631	0.744	77.978	64.062	0.224	0.026	0.044	0.557
<i>PEPD</i>	rs10406327	0.145	0.315	0.646	36.404	31.873	0.254	0.030	0.022	0.173
<i>TOMM40/APOE</i>	rs429358	0.127	0.497	0.799	68.076	50.190	0.176	0.005	0.035	0.895
<i>GIPR</i>	rs10406431	0.481	0.322	0.136	43.266	32.690	0.186	0.013	0.023	0.569
<i>ZC3H4</i>	rs3810291	0.090	0.348	0.796	24.635	35.361	0.486	0.007	0.024	0.763
<i>NKX2.2</i>	rs13041756	-0.407	0.546	0.457	-19.589	55.255	0.723	0.015	0.038	0.687
<i>RALY</i>	rs2268078	0.125	0.343	0.716	58.890	34.676	0.090	0.026	0.024	0.280
<i>EYA2</i>	rs6063048	0.058	0.378	0.877	34.627	38.246	0.366	-0.004	0.026	0.892
<i>CEBPB</i>	rs11699802	0.182	0.339	0.592	35.546	34.328	0.301	0.010	0.024	0.668
<i>TSHZ2</i>	rs34454109	0.210	0.388	0.588	-5.357	39.598	0.892	0.001	0.027	0.976
<i>GNAS</i>	rs6070625	-0.366	0.318	0.250	-16.938	32.300	0.600	-0.024	0.022	0.271
<i>TCEA2</i>	rs59944054	-0.603	0.381	0.115	39.284	38.552	0.309	-0.002	0.027	0.926
<i>MTMR3/ASCC2</i>	rs6518681	-0.118	0.621	0.850	69.826	61.889	0.260	0.007	0.043	0.863
<i>YWHAH</i>	rs117001013	-1.663	0.685	0.016	-135.262	69.583	0.052	-0.045	0.048	0.349
<i>EP300</i>	rs5758223	0.024	0.365	0.948	-45.593	36.992	0.218	-0.029	0.025	0.253
<i>PNPLA3</i>	rs738408	-0.376	0.360	0.297	-25.785	36.641	0.482	0.005	0.025	0.849
<i>PIM3</i>	rs1801645	0.172	0.419	0.682	46.267	42.419	0.276	0.034	0.029	0.242

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	59.049	29.230	0.044	0.122	0.676	0.857
<i>FAF1</i>	rs58432198	47.771	37.780	0.207	0.034	0.869	0.969
<i>PATJ</i>	rs12140153	6.472	42.817	0.880	-0.615	0.982	0.531
<i>PTGFRN</i>	rs1127215	-53.390	23.703	0.025	-0.253	0.548	0.645
<i>NOTCH2</i>	rs1493694	10.750	41.249	0.794	3.764	0.939	0.000
<i>SEC16B</i>	rs539515	-63.831	31.365	0.042	0.200	0.726	0.783
<i>DSTYK</i>	rs12048743	53.198	24.488	0.030	-0.132	0.568	0.817
<i>SRGAP2</i>	rs9430095	-2.184	23.686	0.927	0.522	0.543	0.337
<i>PROX1</i>	rs340874	0.932	24.174	0.969	0.253	0.557	0.649
<i>LYPLAL1</i>	rs2820446	69.568	26.877	0.010	0.440	0.624	0.481
<i>ABCB10</i>	rs348330	-30.135	25.090	0.230	0.035	0.577	0.952
<i>GNG4</i>	rs291367	23.440	25.116	0.351	-0.148	0.579	0.798
<i>FAM49A</i>	rs11680058	6.019	35.538	0.866	0.465	0.816	0.569
<i>DTNB</i>	rs17802463	30.099	26.626	0.259	-0.496	0.612	0.419
<i>GCKR</i>	rs1260326	21.014	23.527	0.372	0.440	0.541	0.417
<i>THADA</i>	rs80147536	8.546	38.218	0.823	-0.037	0.876	0.967
<i>BNIP1</i>	rs6545714	7.659	24.683	0.756	-0.023	0.568	0.968
<i>BCL11A</i>	rs243024	-12.423	24.004	0.605	0.489	0.552	0.376
<i>CEP68</i>	rs2249105	-2.740	24.964	0.913	0.389	0.573	0.497
<i>GLI2</i>	rs11688682	60.213	29.343	0.041	1.580	0.675	0.020
<i>PABPC1P2</i>	rs35999103	22.238	30.679	0.469	0.627	0.704	0.374
<i>CYTIP</i>	rs13426680	36.453	48.116	0.449	-0.167	1.104	0.880
<i>RBMS1</i>	rs3772071	14.642	26.227	0.577	0.748	0.604	0.216
<i>GRB14/COBLL1</i>	rs10195252	-5.794	25.724	0.822	0.090	0.592	0.879
<i>G6PC2</i>	rs1402837	0.480	27.279	0.986	0.166	0.626	0.791
<i>CRYBA2</i>	rs113414093	-7.179	93.724	0.939	0.320	2.148	0.882
<i>IRS1</i>	rs2972144	6.041	25.873	0.815	-0.514	0.593	0.386
<i>PPARG</i>	rs11709077	24.483	38.659	0.527	0.110	0.887	0.901

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-30.303	28.835	0.294	0.050	0.663	0.940
<i>KIF9</i>	rs11926707	23.993	22.843	0.294	-0.619	0.560	0.269
<i>RBM6</i>	rs4688760	14.537	26.649	0.586	-0.261	0.612	0.670
<i>RFT1</i>	rs2581787	10.269	24.002	0.669	0.531	0.551	0.335
<i>PSMD6</i>	rs3774723	-37.679	32.960	0.253	0.004	0.759	0.996
<i>ADAMTS9</i>	rs9860730	-19.897	25.095	0.428	-0.639	0.576	0.268
<i>SHQ1</i>	rs13085136	147.231	60.461	0.015	0.714	1.400	0.610
<i>ROBO2</i>	rs2272163	8.842	24.478	0.718	0.488	0.563	0.386
<i>ADCY5</i>	rs11708067	26.139	29.257	0.372	-0.423	0.673	0.530
<i>SLC12A8</i>	rs649961	10.442	23.933	0.663	-0.343	0.548	0.531
<i>TMCC1</i>	rs9828772	28.153	43.482	0.518	0.163	1.005	0.871
<i>TSC22D2</i>	rs62271373	78.171	42.945	0.069	-1.572	0.992	0.114
<i>MBNL1</i>	rs13065698	1.416	24.844	0.955	-0.003	0.570	0.996
<i>EGFEM1P</i>	rs7629630	0.047	33.900	0.999	0.953	0.776	0.220
<i>SLC2A2</i>	rs9873618	21.863	26.459	0.409	0.845	0.607	0.165
<i>ABCC5</i>	rs2872246	-42.848	23.079	0.064	1.089	0.532	0.041
<i>IGF2BP2</i>	rs6780171	-24.573	26.177	0.348	0.500	0.601	0.406
<i>ST6GAL1</i>	rs3887925	-17.556	24.021	0.465	-0.293	0.551	0.595
<i>LPP</i>	rs4686471	3.131	24.841	0.900	-0.678	0.571	0.236
<i>MAEA</i>	rs56337234	62.902	26.376	0.017	-0.321	0.613	0.600
<i>HTT</i>	rs362307	-7.154	47.525	0.880	-0.887	1.089	0.416
<i>WFS1</i>	rs10937721	-21.914	24.208	0.366	-0.109	0.558	0.845
<i>LCORL</i>	rs12640250	-22.766	27.861	0.414	-0.991	0.639	0.121
<i>GNPDA2</i>	rs10938398	37.025	23.950	0.123	0.030	0.552	0.956
<i>USP46</i>	rs2102278	-6.265	26.319	0.812	-0.802	0.603	0.184
<i>SCD5</i>	rs12642790	-5.193	25.496	0.839	-0.391	0.585	0.504
<i>FAM13A</i>	rs1903002	-14.531	24.380	0.551	0.154	0.560	0.783
<i>SMARCA1</i>	rs6821438	-4.616	24.598	0.851	0.438	0.564	0.438
<i>SLC9B1</i>	rs1580278	8.937	24.595	0.716	-0.282	0.566	0.618
<i>PABPC4L</i>	rs1296328	-78.103	24.885	0.002	0.703	0.582	0.227

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	-21.471	25.868	0.407	0.221	0.594	0.711
<i>PDGFC</i>	rs28819812	-16.004	25.583	0.532	-0.054	0.587	0.927
<i>ACSL1</i>	rs58730668	5.076	35.338	0.886	-0.410	0.812	0.614
<i>MRPS30</i>	rs6884702	-12.419	24.376	0.611	0.449	0.559	0.423
<i>ITGA1</i>	rs3811978	125.565	31.800	0.000	-1.381	0.747	0.065
<i>ARL15</i>	rs702634	-26.547	26.171	0.311	0.241	0.604	0.690
<i>ANKRD55</i>	rs465002	34.150	26.421	0.197	0.384	0.608	0.528
<i>PIK3R1</i>	rs4976033	1.518	23.608	0.949	-0.252	0.543	0.643
<i>POC5</i>	rs2307111	6.648	23.627	0.779	0.797	0.542	0.142
<i>ZBED3</i>	rs4457053	-17.513	26.032	0.501	-1.174	0.598	0.050
<i>DMGDH</i>	rs1316776	-3.637	25.523	0.887	-0.466	0.587	0.428
<i>RASA1</i>	rs7719891	-15.549	25.643	0.545	-0.296	0.589	0.615
<i>PCSK1</i>	rs13179048	12.120	25.500	0.635	-1.629	0.581	0.005
<i>PHF15</i>	rs329122	41.047	25.049	0.102	0.398	0.578	0.491
<i>EBF1</i>	rs3934712	32.567	28.933	0.261	0.637	0.665	0.339
<i>RREB1</i>	rs9379084	6.295	39.107	0.872	0.298	0.899	0.740
<i>CDKAL1</i>	rs7756992	6.746	26.710	0.801	0.081	0.613	0.896
<i>MHC</i>	rs601945	-17.763	35.887	0.621	-0.119	0.825	0.886
<i>LRFN2</i>	rs34298980	-6.126	25.581	0.811	-0.503	0.588	0.393
<i>VEGFA</i>	rs6458354	12.109	27.057	0.655	-0.262	0.621	0.673
<i>TFAP2B</i>	rs3798519	16.077	31.217	0.607	1.791	0.714	0.012
<i>BEND3</i>	rs4946812	-34.150	26.998	0.206	0.598	0.624	0.338
<i>CENPW</i>	rs11759026	18.715	29.274	0.523	0.282	0.672	0.675
<i>SOGA3</i>	rs2800733	50.891	26.910	0.059	0.651	0.621	0.295
<i>SLC35D3</i>	rs9494624	-20.049	27.236	0.462	-0.067	0.626	0.914
<i>MIR3668</i>	rs2982521	1.194	24.991	0.962	-0.337	0.573	0.557
<i>SLC22A3</i>	rs474513	24.489	24.140	0.311	0.218	0.556	0.695
<i>QKI</i>	rs4709746	0.036	34.985	0.999	0.361	0.805	0.654
<i>DGKB</i>	rs10228066	2.770	24.162	0.909	-0.813	0.553	0.142
<i>IGF2BP3</i>	rs4279506	6.572	24.151	0.786	-0.270	0.556	0.627

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	-41.023	23.494	0.081	0.094	0.542	0.863
CRHR2	rs917195	27.274	28.032	0.331	-0.127	0.644	0.844
GCK	rs878521	7.455	27.501	0.786	-0.088	0.631	0.889
FBXL13	rs11496066	-80.394	31.339	0.011	0.495	0.727	0.497
RELN	rs39328	2.998	24.651	0.903	0.185	0.566	0.744
CTTNBP2	rs6976111	4.443	26.386	0.866	-0.616	0.605	0.309
KLF14	rs1562396	18.770	26.519	0.479	0.564	0.609	0.355
AOC1	rs62492368	-3.193	25.817	0.902	-0.990	0.591	0.095
MNX1	rs6459733	13.506	24.087	0.575	0.631	0.554	0.255
PPP1R3B	rs4841132	11.184	46.100	0.808	0.131	1.057	0.901
MSRA	rs17689007	-20.371	23.085	0.378	0.069	0.531	0.897
XKR6	rs57327348	-23.695	33.003	0.473	0.897	0.757	0.237
LPL	rs10096633	24.710	35.243	0.484	-1.190	0.807	0.141
PURG	rs10954772	14.677	25.692	0.568	0.945	0.591	0.110
ANK1	rs13262861	-3.478	29.537	0.906	0.727	0.677	0.284
TP53INP1	rs10097617	2.485	24.126	0.918	0.138	0.556	0.804
TRHR	rs12680028	31.236	23.899	0.192	0.010	0.552	0.986
SLC30A8	rs3802177	-27.280	26.422	0.302	0.541	0.607	0.373
CASC11	rs17772814	1.334	45.032	0.976	0.088	1.032	0.932
PVT1	rs1561927	-18.296	26.245	0.486	-0.775	0.602	0.198
BOP1	rs4977213	-38.610	23.893	0.107	-0.364	0.552	0.509
GLIS3	rs10974438	-1.986	25.128	0.937	-0.077	0.578	0.895
HAUS6	rs7022807	4.424	24.490	0.857	0.786	0.563	0.164
FOCAD	rs7867635	-26.058	24.555	0.289	1.586	0.560	0.005
CDKN2A/B	rs10811660	4.551	32.916	0.890	-0.501	0.755	0.507
LINGO2	rs1412234	-13.861	25.796	0.591	-0.132	0.595	0.824
UBAP2	rs12001437	-2.304	24.049	0.924	0.351	0.551	0.525
MTND2P8	rs11137820	3.247	23.812	0.892	-0.369	0.548	0.501
TLE4	rs17791513	73.745	51.831	0.155	0.231	1.192	0.846
TLE1	rs2796441	-8.824	23.293	0.705	-0.726	0.535	0.175

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	29.497	26.781	0.271	0.825	0.615	0.180
<i>ABO</i>	rs505922	-50.186	24.597	0.042	-0.181	0.569	0.751
<i>GPSM1</i>	rs28505901	5.333	30.468	0.861	-0.711	0.699	0.310
<i>CDC123/CAMK1D</i>	rs11257655	-38.283	30.093	0.204	0.891	0.691	0.198
<i>HKDC1</i>	rs4746822	-17.174	24.868	0.490	0.080	0.571	0.888
<i>NEUROG3</i>	rs2642588	39.318	25.928	0.130	0.159	0.601	0.791
<i>ZMIZ1</i>	rs703972	24.032	25.073	0.338	0.351	0.577	0.543
<i>PTEN</i>	rs11202627	28.127	33.525	0.402	0.881	0.769	0.252
<i>HHEX/IDE</i>	rs10882101	22.056	24.168	0.362	-0.421	0.556	0.449
<i>TCF7L2</i>	rs7903146	12.607	25.073	0.615	-0.138	0.576	0.810
<i>WDR11</i>	rs72631105	-40.440	31.869	0.205	-0.688	0.738	0.352
<i>PLEKHA1</i>	rs2280141	-17.796	24.208	0.463	0.049	0.556	0.930
<i>INS/IGF2</i>	rs4929965	5.429	24.501	0.825	0.481	0.562	0.393
<i>KCNQ1</i>	rs2237895	-20.985	23.172	0.366	-0.026	0.534	0.962
<i>KCNJ11</i>	rs5213	-36.857	26.000	0.157	0.085	0.599	0.887
<i>METTL15</i>	rs4923543	40.435	26.189	0.123	-0.723	0.603	0.231
<i>PDHX</i>	rs2767036	-58.343	26.009	0.025	-0.409	0.602	0.497
<i>HSD17B12</i>	rs1061810	-25.415	26.728	0.342	0.592	0.614	0.335
<i>CRY2</i>	rs7115753	3.606	24.513	0.883	-0.175	0.564	0.756
<i>CELF1</i>	rs7124681	-35.021	23.298	0.133	0.699	0.536	0.193
<i>MAP3K11</i>	rs1783541	27.269	31.818	0.392	-0.660	0.730	0.366
<i>CENTD2/ARAP1</i>	rs77464186	31.253	33.970	0.358	-0.334	0.782	0.670
<i>MTNR1B</i>	rs10830963	5.335	26.784	0.842	0.743	0.614	0.227
<i>ETS1</i>	rs67232546	-20.442	28.702	0.477	0.086	0.660	0.897
<i>CDKN1B</i>	rs2066827	-129.351	36.762	0.000	0.312	0.862	0.718
<i>ITPR2</i>	rs718314	-1.658	27.635	0.952	0.807	0.633	0.203
<i>KLHDC5</i>	rs10842994	2.478	29.223	0.932	-0.352	0.670	0.600
<i>HMGA2</i>	rs2258238	-46.442	37.612	0.217	0.389	0.867	0.654
<i>TSPAN8/LGR5</i>	rs1796330	9.422	24.512	0.701	-0.072	0.563	0.898
<i>USP44</i>	rs2197973	17.645	23.448	0.452	1.214	0.537	0.024

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	-15.363	48.408	0.751	0.984	1.110	0.376
<i>WSCD2</i>	rs1426371	-26.641	30.051	0.376	-0.586	0.691	0.397
<i>KSR2</i>	rs34965774	-3.024	34.794	0.931	0.095	0.807	0.906
<i>HNF1A</i>	rs56348580	-1.120	26.307	0.966	-0.246	0.604	0.685
<i>MPHOSPH9</i>	rs4148856	62.068	27.039	0.022	0.600	0.626	0.338
<i>ZNF664</i>	rs7978610	-0.110	24.530	0.996	0.467	0.564	0.408
<i>FBRSL1</i>	rs12811407	-14.124	26.124	0.589	-0.402	0.600	0.503
<i>RNF6</i>	rs34584161	-1.978	27.098	0.942	-0.733	0.621	0.238
<i>HMGB1</i>	rs11842871	29.611	29.530	0.316	0.234	0.679	0.730
<i>KL</i>	rs576674	-10.337	29.762	0.728	-0.873	0.687	0.204
<i>DLEU1</i>	rs963740	48.605	26.466	0.067	-0.241	0.611	0.693
<i>PCDH17</i>	rs9537803	12.731	26.919	0.636	0.244	0.618	0.693
<i>SRGAP2D</i>	rs9563615	31.616	27.255	0.247	0.447	0.627	0.477
<i>SPRY2</i>	rs1359790	4.514	26.590	0.865	-0.909	0.609	0.136
<i>IRS2</i>	rs7987740	57.215	24.928	0.022	0.104	0.578	0.858
<i>SLC7A7</i>	rs17122772	-28.921	30.632	0.346	-1.359	0.703	0.054
<i>AKAP6</i>	rs17522122	-5.373	23.919	0.822	0.255	0.551	0.643
<i>CLEC14A</i>	rs8017808	3.423	26.504	0.897	-0.474	0.610	0.437
<i>NRXN3</i>	rs17836088	-22.571	29.487	0.444	-0.617	0.677	0.363
<i>SMEK1</i>	rs8010382	13.043	25.424	0.608	-0.047	0.585	0.937
<i>MARK3</i>	rs62007683	18.658	24.750	0.451	0.756	0.568	0.184
<i>RASGRP1</i>	rs34715063	31.497	37.134	0.397	-1.148	0.851	0.178
<i>LTK</i>	rs11070332	-40.306	23.921	0.093	-0.496	0.553	0.370
<i>ONECUT1</i>	rs2456530	-3.962	37.165	0.915	-0.079	0.865	0.927
<i>C2CD4A/B</i>	rs8037894	-1.067	24.006	0.965	0.893	0.550	0.105
<i>USP3</i>	rs7178762	-21.562	23.979	0.369	-0.247	0.552	0.654
<i>MAP2K5</i>	rs4776970	28.339	24.457	0.247	-0.403	0.562	0.473
<i>PTPN9</i>	rs13737	-51.087	26.957	0.059	0.248	0.623	0.691
<i>HMG20A</i>	rs1005752	1.939	26.193	0.941	0.108	0.604	0.858
<i>AP3S2</i>	rs4932265	8.019	27.570	0.771	-0.349	0.633	0.581

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	14.429	24.340	0.554	-0.348	0.559	0.533
<i>ITFG3</i>	rs6600191	44.229	30.852	0.152	0.638	0.710	0.369
<i>CLUAP1</i>	rs3751837	-1.653	30.455	0.957	0.696	0.699	0.319
<i>ATP2A1</i>	rs8046545	10.366	25.685	0.687	-0.484	0.589	0.411
<i>FAM57B</i>	rs11642430	-2.533	25.099	0.920	0.636	0.575	0.269
<i>FTO</i>	rs1421085	25.253	23.608	0.285	0.129	0.542	0.812
<i>NFAT5</i>	rs862320	-6.892	24.143	0.775	0.084	0.554	0.879
<i>BCAR1</i>	rs72802342	-46.519	46.689	0.320	2.294	1.068	0.032
<i>CMIP</i>	rs2925979	4.364	25.860	0.866	-0.391	0.593	0.510
<i>SPG7</i>	rs12920022	10.044	35.009	0.774	0.350	0.803	0.663
<i>ZZEF1</i>	rs1377807	9.785	25.816	0.705	-0.308	0.595	0.604
<i>ATP1B2</i>	rs1641523	43.130	24.892	0.084	0.798	0.573	0.164
<i>GLP2R</i>	rs7222481	58.537	26.062	0.025	0.049	0.604	0.935
<i>RAI1</i>	rs4925109	-42.440	24.069	0.078	-0.508	0.556	0.361
<i>NF1</i>	rs71372253	49.027	45.562	0.282	-1.237	1.050	0.239
<i>HNF1B</i>	rs10908278	-31.775	23.888	0.184	0.304	0.550	0.581
<i>MLX</i>	rs34855406	1.035	27.171	0.970	0.718	0.623	0.249
<i>TTL6</i>	rs35895680	32.469	25.785	0.208	0.345	0.593	0.561
<i>ACE</i>	rs60276348	-54.290	30.392	0.075	-0.955	0.706	0.177
<i>BPTF</i>	rs61676547	4.880	28.491	0.864	0.558	0.654	0.393
<i>LAMA1</i>	rs7240767	10.152	23.909	0.671	-0.275	0.550	0.617
<i>COMMD9</i>	rs62080313	79.505	35.646	0.026	-0.040	0.828	0.961
<i>TCF4</i>	rs72926932	-64.147	44.594	0.151	0.211	1.030	0.838
<i>WDR7</i>	rs17684074	-3.687	28.707	0.898	-0.963	0.658	0.144
<i>GRP</i>	rs9957145	-11.246	34.003	0.741	1.289	0.779	0.099
<i>MC4R</i>	rs523288	13.801	27.521	0.616	-0.057	0.632	0.928
<i>BCL2A</i>	rs12454712	14.720	28.558	0.606	0.484	0.656	0.461
<i>UHRF1</i>	rs7249758	-52.000	29.627	0.080	-0.782	0.683	0.252
<i>INSR</i>	rs75253922	-24.540	30.580	0.423	0.522	0.703	0.458
<i>MAP2K7</i>	rs4804833	20.492	24.100	0.396	-0.082	0.557	0.883

Locus	Variant	Fasting Insulin (pg/ml)			Fasting Proinsulin (adj Fasting Insulin) (pmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-33.793	24.227	0.164	0.710	0.558	0.204
<i>TM6SF2</i>	rs8107974	83.678	47.001	0.076	0.040	1.089	0.971
<i>PEPD</i>	rs10406327	18.657	23.453	0.427	1.425	0.536	0.008
<i>TOMM40/APOE</i>	rs429358	21.632	37.011	0.559	-1.000	0.850	0.240
<i>GIPR</i>	rs10406431	1.820	24.096	0.940	0.541	0.554	0.329
<i>ZC3H4</i>	rs3810291	7.884	25.982	0.762	0.725	0.595	0.224
<i>NKX2.2</i>	rs13041756	-0.919	40.549	0.982	-0.344	0.930	0.711
<i>RALY</i>	rs2268078	42.589	25.564	0.096	-0.102	0.591	0.862
<i>EYA2</i>	rs6063048	52.018	28.113	0.065	-0.624	0.649	0.337
<i>CEBPB</i>	rs11699802	34.392	25.247	0.174	-0.008	0.581	0.989
<i>TSHZ2</i>	rs34454109	-3.465	29.194	0.906	-0.099	0.670	0.882
<i>GNAS</i>	rs6070625	-37.299	23.720	0.116	0.754	0.546	0.168
<i>TCEA2</i>	rs59944054	12.744	28.387	0.654	-0.115	0.652	0.860
<i>MTMR3/ASCC2</i>	rs6518681	40.332	45.721	0.378	0.888	1.049	0.398
<i>YWHAH</i>	rs117001013	-95.332	50.767	0.061	-1.388	1.169	0.236
<i>EP300</i>	rs5758223	-62.694	26.940	0.020	0.385	0.624	0.537
<i>PNPLA3</i>	rs738408	7.587	27.009	0.779	-0.106	0.620	0.865
<i>PIM3</i>	rs1801645	47.661	31.182	0.127	1.193	0.721	0.099

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	-0.021	0.108	0.849	0.005	0.019	0.778	-0.007	0.021	0.730
<i>FAF1</i>	rs58432198	-0.141	0.141	0.318	0.015	0.024	0.546	0.021	0.027	0.428
<i>PATJ</i>	rs12140153	0.206	0.157	0.189	0.009	0.028	0.736	0.015	0.031	0.617
<i>PTGFRN</i>	rs1127215	0.074	0.088	0.400	-0.002	0.015	0.908	-0.009	0.017	0.591
<i>NOTCH2</i>	rs1493694	-0.090	0.151	0.554	0.009	0.027	0.732	0.027	0.029	0.350
<i>SEC16B</i>	rs539515	0.104	0.117	0.374	0.005	0.020	0.822	-0.011	0.022	0.635
<i>DSTYK</i>	rs12048743	0.040	0.091	0.661	-0.008	0.016	0.625	0.002	0.017	0.911
<i>SRGAP2</i>	rs9430095	0.022	0.088	0.804	-0.004	0.015	0.803	-0.006	0.017	0.734
<i>PROX1</i>	rs340874	-0.039	0.088	0.660	0.004	0.016	0.816	0.013	0.017	0.452
<i>LYPLAL1</i>	rs2820446	0.052	0.100	0.601	0.011	0.017	0.512	0.014	0.019	0.460
<i>ABCB10</i>	rs348330	0.009	0.092	0.920	0.014	0.016	0.379	0.016	0.018	0.371
<i>GNG4</i>	rs291367	0.186	0.093	0.045	0.021	0.016	0.201	0.015	0.018	0.410
<i>FAM49A</i>	rs11680058	0.147	0.133	0.270	-0.011	0.023	0.639	-0.024	0.025	0.341
<i>DTNB</i>	rs17802463	0.025	0.098	0.794	-0.009	0.017	0.601	-0.016	0.019	0.397
<i>GCKR</i>	rs1260326	-0.195	0.087	0.026	0.002	0.015	0.902	0.019	0.017	0.252
<i>THADA</i>	rs80147536	-0.030	0.138	0.829	0.038	0.024	0.124	0.042	0.027	0.114
<i>BNIP1</i>	rs6545714	-0.138	0.091	0.129	-0.003	0.016	0.852	-0.007	0.017	0.673
<i>BCL11A</i>	rs243024	-0.073	0.088	0.406	-0.001	0.015	0.927	-0.027	0.017	0.109
<i>CEP68</i>	rs2249105	0.060	0.093	0.517	-0.006	0.016	0.718	-0.018	0.018	0.303
<i>GLI2</i>	rs11688682	-0.059	0.109	0.589	0.002	0.019	0.904	0.004	0.021	0.865
<i>PABPC1P2</i>	rs35999103	0.118	0.113	0.297	0.004	0.020	0.858	0.010	0.022	0.652
<i>CYTIP</i>	rs13426680	0.315	0.178	0.077	0.014	0.031	0.654	0.016	0.034	0.641
<i>RBMS1</i>	rs3772071	0.133	0.097	0.171	0.000	0.017	0.993	-0.008	0.019	0.657
<i>GRB14/COBLL1</i>	rs10195252	-0.068	0.095	0.472	0.006	0.017	0.722	0.026	0.018	0.148
<i>G6PC2</i>	rs1402837	-0.012	0.100	0.901	0.057	0.018	0.001	0.037	0.019	0.053
<i>CRYBA2</i>	rs113414093	-0.067	0.361	0.853	-0.019	0.061	0.750	-0.021	0.066	0.757
<i>IRS1</i>	rs2972144	0.127	0.096	0.187	0.033	0.017	0.052	0.022	0.018	0.237
<i>PPARG</i>	rs11709077	-0.047	0.143	0.743	-0.005	0.025	0.851	0.025	0.027	0.365

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-0.059	0.110	0.593	-0.007	0.019	0.704	-0.034	0.021	0.100
<i>KIF9</i>	rs11926707	-0.067	0.093	0.471	-0.004	0.016	0.796	0.001	0.018	0.961
<i>RBM6</i>	rs4688760	0.194	0.099	0.050	-0.004	0.017	0.827	-0.024	0.019	0.207
<i>RFT1</i>	rs2581787	0.040	0.090	0.654	-0.012	0.016	0.461	-0.007	0.017	0.670
<i>PSMD6</i>	rs3774723	0.070	0.123	0.571	-0.015	0.021	0.476	-0.003	0.024	0.903
<i>ADAMTS9</i>	rs9860730	0.104	0.093	0.261	-0.005	0.016	0.769	-0.015	0.018	0.401
<i>SHQ1</i>	rs13085136	0.081	0.226	0.720	0.008	0.040	0.832	-0.003	0.043	0.942
<i>ROBO2</i>	rs2272163	0.091	0.089	0.309	0.028	0.016	0.075	0.034	0.017	0.047
<i>ADCY5</i>	rs11708067	0.054	0.108	0.618	-0.001	0.019	0.949	-0.007	0.021	0.736
<i>SLC12A8</i>	rs649961	-0.042	0.088	0.632	-0.007	0.015	0.638	-0.016	0.017	0.341
<i>TMCC1</i>	rs9828772	0.023	0.161	0.888	0.041	0.028	0.151	0.031	0.031	0.314
<i>TSC22D2</i>	rs62271373	-0.053	0.160	0.742	-0.061	0.028	0.029	-0.015	0.030	0.625
<i>MBNL1</i>	rs13065698	0.148	0.092	0.106	-0.016	0.016	0.312	0.028	0.018	0.116
<i>EGFEM1P</i>	rs7629630	-0.026	0.125	0.836	-0.009	0.022	0.696	0.015	0.024	0.520
<i>SLC2A2</i>	rs9873618	0.141	0.098	0.152	0.007	0.017	0.664	0.017	0.019	0.371
<i>ABCC5</i>	rs2872246	-0.015	0.085	0.863	0.011	0.015	0.459	0.008	0.016	0.623
<i>IGF2BP2</i>	rs6780171	-0.023	0.097	0.810	0.006	0.017	0.703	0.021	0.018	0.260
<i>ST6GAL1</i>	rs3887925	0.111	0.089	0.212	0.012	0.015	0.439	-0.017	0.017	0.320
<i>LPP</i>	rs4686471	-0.016	0.093	0.865	0.011	0.016	0.489	0.019	0.018	0.279
<i>MAEA</i>	rs56337234	-0.011	0.098	0.910	0.033	0.017	0.051	0.000	0.019	0.995
<i>HTT</i>	rs362307	-0.155	0.174	0.372	0.044	0.031	0.157	0.061	0.034	0.072
<i>WFS1</i>	rs10937721	-0.066	0.089	0.454	0.001	0.016	0.959	0.002	0.017	0.900
<i>LCORL</i>	rs12640250	-0.003	0.105	0.975	-0.024	0.018	0.175	-0.015	0.020	0.454
<i>GNPDA2</i>	rs10938398	-0.004	0.089	0.963	0.007	0.015	0.641	0.015	0.017	0.367
<i>USP46</i>	rs2102278	0.162	0.097	0.094	-0.002	0.017	0.917	-0.001	0.019	0.938
<i>SCD5</i>	rs12642790	-0.002	0.095	0.982	-0.024	0.017	0.155	-0.040	0.018	0.027
<i>FAM13A</i>	rs1903002	0.165	0.090	0.069	-0.006	0.016	0.680	-0.005	0.017	0.787
<i>SMARCA1</i>	rs6821438	-0.053	0.091	0.557	0.018	0.016	0.271	0.029	0.017	0.097
<i>SLC9B1</i>	rs1580278	0.233	0.090	0.010	0.001	0.016	0.955	-0.012	0.017	0.508
<i>PABPC4L</i>	rs1296328	0.062	0.093	0.503	-0.004	0.016	0.820	-0.019	0.018	0.283

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	0.046	0.095	0.625	0.014	0.017	0.399	0.006	0.018	0.741
<i>PDGFC</i>	rs28819812	0.070	0.095	0.463	0.006	0.017	0.712	0.004	0.018	0.825
<i>ACSL1</i>	rs58730668	0.119	0.133	0.372	-0.001	0.023	0.980	-0.022	0.025	0.392
<i>MRPS30</i>	rs6884702	-0.113	0.091	0.213	0.011	0.016	0.476	0.028	0.017	0.105
<i>ITGA1</i>	rs3811978	0.079	0.119	0.508	0.009	0.021	0.671	-0.009	0.023	0.708
<i>ARL15</i>	rs702634	-0.050	0.097	0.606	0.012	0.017	0.485	0.022	0.019	0.240
<i>ANKRD55</i>	rs465002	0.096	0.097	0.319	0.025	0.017	0.146	0.027	0.019	0.149
<i>PIK3R1</i>	rs4976033	0.010	0.087	0.911	0.023	0.015	0.131	0.021	0.017	0.204
<i>POC5</i>	rs2307111	0.041	0.087	0.636	0.006	0.015	0.711	-0.003	0.017	0.835
<i>ZBED3</i>	rs4457053	0.183	0.096	0.058	-0.007	0.017	0.657	-0.033	0.018	0.071
<i>DMGDH</i>	rs1316776	-0.110	0.094	0.241	0.045	0.016	0.006	0.012	0.018	0.520
<i>RASA1</i>	rs7719891	0.063	0.095	0.511	-0.008	0.017	0.615	0.008	0.018	0.667
<i>PCSK1</i>	rs13179048	-0.021	0.094	0.827	0.024	0.016	0.150	0.047	0.018	0.009
<i>PHF15</i>	rs329122	-0.020	0.093	0.831	-0.002	0.016	0.922	0.015	0.018	0.398
<i>EBF1</i>	rs3934712	-0.127	0.107	0.237	-0.019	0.019	0.302	0.017	0.020	0.418
<i>RREB1</i>	rs9379084	0.127	0.144	0.379	0.009	0.025	0.710	0.015	0.028	0.582
<i>CDKAL1</i>	rs7756992	0.002	0.101	0.988	0.020	0.017	0.257	0.003	0.019	0.860
<i>MHC</i>	rs601945	0.134	0.133	0.312	-0.011	0.023	0.621	-0.009	0.025	0.709
<i>LRFN2</i>	rs34298980	-0.003	0.094	0.974	0.022	0.016	0.175	0.001	0.018	0.971
<i>VEGFA</i>	rs6458354	0.077	0.100	0.441	0.011	0.017	0.545	-0.005	0.019	0.790
<i>TFAP2B</i>	rs3798519	0.009	0.114	0.938	0.015	0.020	0.450	0.045	0.022	0.038
<i>BEND3</i>	rs4946812	-0.039	0.101	0.702	-0.006	0.017	0.748	-0.017	0.019	0.390
<i>CENPW</i>	rs11759026	-0.384	0.107	0.000	-0.001	0.019	0.966	-0.006	0.021	0.782
<i>SOGA3</i>	rs2800733	0.111	0.100	0.266	0.001	0.018	0.970	-0.017	0.019	0.382
<i>SLC35D3</i>	rs9494624	0.051	0.101	0.618	-0.008	0.018	0.656	-0.007	0.019	0.711
<i>MIR3668</i>	rs2982521	-0.058	0.093	0.531	0.036	0.016	0.025	0.041	0.018	0.022
<i>SLC22A3</i>	rs474513	0.113	0.090	0.211	0.011	0.016	0.497	0.027	0.017	0.113
<i>QKI</i>	rs4709746	0.237	0.132	0.073	0.016	0.023	0.480	0.012	0.025	0.621
<i>DGKB</i>	rs10228066	0.198	0.089	0.027	0.001	0.016	0.971	0.016	0.017	0.345
<i>IGF2BP3</i>	rs4279506	0.092	0.089	0.302	0.016	0.016	0.310	0.014	0.017	0.414

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	-0.054	0.087	0.538	-0.036	0.015	0.018	-0.028	0.017	0.100
CRHR2	rs917195	0.131	0.103	0.206	-0.023	0.018	0.201	-0.004	0.020	0.856
GCK	rs878521	-0.057	0.102	0.574	0.018	0.018	0.302	0.015	0.019	0.435
FBXL13	rs11496066	-0.170	0.119	0.152	-0.008	0.020	0.702	-0.016	0.022	0.484
RELN	rs39328	0.034	0.091	0.706	0.005	0.016	0.771	-0.005	0.017	0.794
CTTNBP2	rs6976111	0.025	0.097	0.794	-0.002	0.017	0.895	-0.016	0.019	0.394
KLF14	rs1562396	0.024	0.097	0.804	0.028	0.017	0.099	0.002	0.019	0.900
AOC1	rs62492368	-0.046	0.095	0.627	0.017	0.017	0.297	0.024	0.018	0.200
MNX1	rs6459733	-0.008	0.090	0.927	0.003	0.016	0.828	-0.001	0.017	0.964
PPP1R3B	rs4841132	-0.353	0.175	0.044	-0.027	0.030	0.373	-0.054	0.033	0.099
MSRA	rs17689007	-0.036	0.086	0.679	-0.010	0.015	0.506	-0.016	0.016	0.336
XKR6	rs57327348	0.070	0.121	0.566	0.014	0.021	0.508	-0.015	0.023	0.521
LPL	rs10096633	0.036	0.130	0.784	-0.009	0.023	0.684	-0.028	0.025	0.267
PURG	rs10954772	0.001	0.095	0.991	0.010	0.017	0.534	0.026	0.018	0.144
ANK1	rs13262861	-0.113	0.110	0.308	-0.025	0.019	0.190	-0.030	0.021	0.155
TP53INP1	rs10097617	-0.145	0.089	0.105	0.020	0.016	0.194	0.020	0.017	0.233
TRHR	rs12680028	-0.008	0.089	0.926	0.010	0.016	0.535	0.004	0.017	0.809
SLC30A8	rs3802177	0.071	0.098	0.466	0.018	0.017	0.302	0.014	0.019	0.466
CASC11	rs17772814	0.032	0.168	0.851	-0.043	0.029	0.138	-0.035	0.032	0.280
PVT1	rs1561927	0.026	0.099	0.791	-0.008	0.017	0.647	-0.027	0.019	0.149
BOP1	rs4977213	0.057	0.089	0.525	-0.004	0.015	0.784	0.001	0.017	0.941
GLIS3	rs10974438	0.053	0.092	0.565	-0.001	0.016	0.969	0.018	0.018	0.309
HAUS6	rs7022807	0.110	0.090	0.221	0.000	0.016	0.992	-0.002	0.017	0.907
FOCAD	rs7867635	0.150	0.090	0.096	-0.013	0.016	0.405	-0.019	0.017	0.269
CDKN2A/B	rs10811660	0.000	0.122	1.000	0.031	0.021	0.140	0.011	0.023	0.625
LINGO2	rs1412234	-0.046	0.095	0.629	-0.007	0.017	0.657	-0.002	0.018	0.905
UBAP2	rs12001437	0.051	0.090	0.572	-0.021	0.016	0.177	-0.018	0.017	0.280
MTND2P8	rs11137820	-0.052	0.088	0.555	-0.024	0.015	0.116	-0.029	0.017	0.083
TLE4	rs17791513	0.070	0.189	0.710	0.000	0.034	0.996	0.038	0.036	0.295
TLE1	rs2796441	0.128	0.087	0.141	0.023	0.015	0.124	0.021	0.017	0.207

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	-0.025	0.100	0.803	-0.001	0.017	0.946	0.002	0.019	0.931
<i>ABO</i>	rs505922	0.074	0.091	0.417	0.031	0.016	0.053	0.021	0.018	0.236
<i>GPSM1</i>	rs28505901	0.200	0.113	0.078	-0.019	0.020	0.344	-0.008	0.022	0.715
<i>CDC123/CAMK1D</i>	rs11257655	0.015	0.111	0.889	0.050	0.019	0.010	0.023	0.021	0.286
<i>HKDC1</i>	rs4746822	0.025	0.092	0.788	-0.045	0.016	0.004	-0.030	0.018	0.083
<i>NEUROG3</i>	rs2642588	0.065	0.097	0.504	0.003	0.017	0.882	0.009	0.019	0.638
<i>ZMIZ1</i>	rs703972	0.100	0.092	0.274	-0.022	0.016	0.174	-0.003	0.018	0.882
<i>PTEN</i>	rs11202627	0.002	0.125	0.988	-0.022	0.022	0.316	-0.004	0.024	0.858
<i>HHEX/IDE</i>	rs10882101	0.084	0.089	0.350	-0.002	0.016	0.885	-0.003	0.017	0.866
<i>TCF7L2</i>	rs7903146	0.204	0.092	0.027	0.035	0.016	0.030	0.031	0.018	0.084
<i>WDR11</i>	rs72631105	-0.131	0.118	0.268	0.001	0.021	0.951	0.013	0.023	0.558
<i>PLEKHA1</i>	rs2280141	0.154	0.089	0.086	-0.001	0.016	0.955	-0.005	0.017	0.784
<i>INS/IGF2</i>	rs4929965	-0.130	0.090	0.150	-0.015	0.016	0.347	-0.013	0.017	0.456
<i>KCNQ1</i>	rs2237895	0.218	0.085	0.011	-0.010	0.015	0.511	-0.028	0.016	0.088
<i>KCNJ11</i>	rs5213	0.227	0.096	0.018	0.011	0.017	0.509	-0.002	0.018	0.919
<i>METTL15</i>	rs4923543	-0.079	0.098	0.419	0.017	0.017	0.328	0.011	0.019	0.572
<i>PDHX</i>	rs2767036	0.114	0.097	0.240	-0.001	0.017	0.960	0.007	0.018	0.706
<i>HSD17B12</i>	rs1061810	-0.094	0.100	0.349	-0.024	0.017	0.174	-0.017	0.019	0.375
<i>CRY2</i>	rs7115753	0.032	0.090	0.720	0.002	0.016	0.919	0.027	0.017	0.126
<i>CELF1</i>	rs7124681	0.209	0.086	0.015	0.006	0.015	0.699	0.012	0.017	0.457
<i>MAP3K11</i>	rs1783541	0.020	0.116	0.862	0.030	0.020	0.143	0.021	0.022	0.345
<i>CENTD2/ARAP1</i>	rs77464186	0.051	0.127	0.690	-0.058	0.022	0.008	-0.039	0.024	0.106
<i>MTNR1B</i>	rs10830963	0.119	0.100	0.233	0.004	0.017	0.836	0.003	0.019	0.891
<i>ETS1</i>	rs67232546	0.137	0.107	0.200	0.003	0.019	0.855	0.015	0.020	0.459
<i>CDKN1B</i>	rs2066827	-0.172	0.136	0.209	0.019	0.024	0.422	0.013	0.026	0.623
<i>ITPR2</i>	rs718314	0.208	0.102	0.042	-0.018	0.018	0.304	-0.020	0.020	0.316
<i>KLHDC5</i>	rs10842994	0.009	0.109	0.931	-0.033	0.019	0.082	-0.007	0.021	0.747
<i>HMGA2</i>	rs2258238	-0.107	0.138	0.439	0.033	0.025	0.173	0.010	0.027	0.703
<i>TSPAN8/LGR5</i>	rs1796330	-0.126	0.091	0.164	-0.040	0.016	0.012	-0.010	0.017	0.548
<i>USP44</i>	rs2197973	0.004	0.086	0.965	0.014	0.015	0.356	0.002	0.017	0.898

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	0.016	0.182	0.931	0.007	0.031	0.819	0.031	0.034	0.373
<i>WSCD2</i>	rs1426371	-0.053	0.111	0.633	0.029	0.019	0.134	0.009	0.021	0.665
<i>KSR2</i>	rs34965774	-0.040	0.127	0.756	-0.004	0.022	0.866	0.025	0.024	0.304
<i>HNF1A</i>	rs56348580	0.027	0.097	0.778	0.001	0.017	0.930	0.020	0.019	0.269
<i>MPHOSPH9</i>	rs4148856	0.144	0.102	0.156	0.024	0.018	0.176	0.009	0.019	0.653
<i>ZNF664</i>	rs7978610	0.054	0.091	0.547	0.016	0.016	0.331	0.015	0.017	0.400
<i>FBRSL1</i>	rs12811407	0.115	0.097	0.237	0.025	0.017	0.143	0.015	0.018	0.411
<i>RNF6</i>	rs34584161	-0.135	0.101	0.181	0.023	0.018	0.185	0.019	0.019	0.326
<i>HMGB1</i>	rs11842871	0.040	0.111	0.722	-0.018	0.019	0.333	-0.027	0.021	0.204
<i>KL</i>	rs576674	-0.086	0.111	0.438	-0.010	0.019	0.594	-0.028	0.021	0.190
<i>DLEU1</i>	rs963740	0.047	0.099	0.631	0.003	0.017	0.848	0.001	0.019	0.957
<i>PCDH17</i>	rs9537803	-0.145	0.099	0.143	0.003	0.017	0.860	-0.005	0.019	0.778
<i>SRGAP2D</i>	rs9563615	-0.039	0.101	0.700	-0.008	0.018	0.651	-0.008	0.019	0.694
<i>SPRY2</i>	rs1359790	-0.018	0.099	0.854	0.010	0.017	0.562	0.015	0.019	0.418
<i>IRS2</i>	rs7987740	-0.165	0.093	0.078	-0.009	0.016	0.567	-0.001	0.018	0.972
<i>SLC7A7</i>	rs17122772	0.160	0.114	0.162	0.008	0.020	0.696	-0.024	0.022	0.268
<i>AKAP6</i>	rs17522122	0.054	0.089	0.542	-0.007	0.016	0.672	-0.004	0.017	0.804
<i>CLEC14A</i>	rs8017808	-0.030	0.098	0.760	-0.008	0.017	0.642	0.004	0.019	0.814
<i>NRXN3</i>	rs17836088	0.243	0.109	0.026	0.010	0.019	0.600	0.015	0.021	0.462
<i>SMEK1</i>	rs8010382	-0.101	0.093	0.282	0.001	0.016	0.941	-0.007	0.018	0.679
<i>MARK3</i>	rs62007683	0.036	0.091	0.691	0.000	0.016	0.979	0.013	0.017	0.466
<i>RASGRP1</i>	rs34715063	-0.167	0.139	0.230	-0.002	0.024	0.946	-0.009	0.026	0.733
<i>LTK</i>	rs11070332	-0.048	0.090	0.591	-0.023	0.016	0.139	-0.037	0.017	0.032
<i>ONECUT1</i>	rs2456530	-0.179	0.137	0.191	-0.037	0.024	0.120	-0.016	0.026	0.542
<i>C2CD4A/B</i>	rs8037894	0.154	0.088	0.081	0.002	0.015	0.896	0.027	0.017	0.106
<i>USP3</i>	rs7178762	0.221	0.088	0.013	0.013	0.016	0.415	0.015	0.017	0.372
<i>MAP2K5</i>	rs4776970	-0.182	0.090	0.043	-0.005	0.016	0.733	-0.022	0.017	0.200
<i>PTPN9</i>	rs13737	0.001	0.102	0.992	-0.025	0.018	0.161	-0.032	0.019	0.100
<i>HMG20A</i>	rs1005752	0.071	0.097	0.467	-0.006	0.017	0.725	-0.015	0.019	0.410
<i>AP3S2</i>	rs4932265	0.019	0.101	0.854	0.018	0.018	0.301	0.034	0.019	0.083

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	0.006	0.089	0.950	-0.011	0.016	0.494	0.003	0.017	0.877
<i>ITFG3</i>	rs6600191	-0.030	0.115	0.795	-0.042	0.020	0.035	-0.036	0.022	0.097
<i>CLUAP1</i>	rs3751837	0.003	0.113	0.980	-0.024	0.020	0.222	-0.016	0.021	0.469
<i>ATP2A1</i>	rs8046545	0.096	0.094	0.311	0.008	0.017	0.635	0.002	0.018	0.917
<i>FAM57B</i>	rs11642430	-0.118	0.093	0.204	0.021	0.016	0.197	0.038	0.018	0.034
<i>FTO</i>	rs1421085	-0.066	0.087	0.445	-0.012	0.015	0.434	0.017	0.017	0.301
<i>NFAT5</i>	rs862320	-0.071	0.089	0.424	0.007	0.016	0.632	0.012	0.017	0.490
<i>BCAR1</i>	rs72802342	0.216	0.173	0.212	0.001	0.030	0.971	0.013	0.033	0.706
<i>CMIP</i>	rs2925979	0.124	0.097	0.201	0.003	0.017	0.872	0.000	0.018	0.997
<i>SPG7</i>	rs12920022	0.130	0.131	0.322	0.010	0.023	0.674	0.049	0.025	0.045
<i>ZZEF1</i>	rs1377807	-0.010	0.095	0.918	0.010	0.017	0.540	-0.034	0.018	0.064
<i>ATP1B2</i>	rs1641523	-0.007	0.094	0.944	0.017	0.016	0.300	0.011	0.018	0.527
<i>GLP2R</i>	rs7222481	0.089	0.097	0.362	0.012	0.017	0.489	0.022	0.019	0.242
<i>RAI1</i>	rs4925109	0.092	0.089	0.303	-0.004	0.016	0.773	-0.018	0.017	0.292
<i>NF1</i>	rs71372253	-0.208	0.172	0.226	0.021	0.029	0.466	0.012	0.032	0.697
<i>HNF1B</i>	rs10908278	-0.100	0.089	0.262	0.009	0.015	0.569	0.001	0.017	0.931
<i>MLX</i>	rs34855406	-0.189	0.101	0.061	0.013	0.018	0.473	-0.002	0.019	0.908
<i>TTL6</i>	rs35895680	-0.008	0.096	0.936	-0.034	0.017	0.040	-0.022	0.018	0.233
<i>ACE</i>	rs60276348	-0.017	0.113	0.881	0.008	0.020	0.697	-0.006	0.022	0.787
<i>BPTF</i>	rs61676547	-0.132	0.106	0.212	-0.002	0.019	0.934	-0.015	0.020	0.452
<i>LAMA1</i>	rs7240767	-0.032	0.089	0.716	0.033	0.015	0.034	0.035	0.017	0.036
<i>COMMD9</i>	rs62080313	-0.187	0.131	0.153	-0.028	0.023	0.218	-0.012	0.025	0.636
<i>TCF4</i>	rs72926932	-0.260	0.168	0.121	0.012	0.029	0.678	0.000	0.031	1.000
<i>WDR7</i>	rs17684074	-0.168	0.104	0.107	0.000	0.018	0.991	0.002	0.020	0.905
<i>GRP</i>	rs9957145	0.344	0.125	0.006	0.010	0.022	0.641	0.010	0.024	0.667
<i>MC4R</i>	rs523288	0.263	0.100	0.009	0.042	0.018	0.017	0.060	0.019	0.002
<i>BCL2A</i>	rs12454712	0.125	0.106	0.241	0.005	0.019	0.799	-0.014	0.020	0.488
<i>UHRF1</i>	rs7249758	-0.021	0.111	0.847	-0.030	0.019	0.122	-0.012	0.021	0.566
<i>INSR</i>	rs75253922	-0.065	0.114	0.567	-0.010	0.020	0.612	-0.031	0.022	0.148
<i>MAP2K7</i>	rs4804833	-0.008	0.089	0.933	0.020	0.016	0.212	0.008	0.017	0.635

Locus	Variant	Glucose Loading Test - V1 (mmol/l)			Hemoglobin A1C - V1 (%)			Hemoglobin A1C - V2 (%)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-0.022	0.091	0.811	0.026	0.016	0.095	0.000	0.017	0.997
<i>TM6SF2</i>	rs8107974	-0.051	0.177	0.774	-0.008	0.031	0.786	-0.016	0.033	0.622
<i>PEPD</i>	rs10406327	0.092	0.088	0.293	0.025	0.015	0.101	0.019	0.017	0.257
<i>TOMM40/APOE</i>	rs429358	0.078	0.135	0.563	-0.036	0.024	0.127	0.014	0.026	0.597
<i>GIPR</i>	rs10406431	-0.197	0.089	0.027	0.014	0.016	0.376	-0.008	0.017	0.640
<i>ZC3H4</i>	rs3810291	-0.114	0.096	0.234	0.007	0.017	0.657	-0.004	0.018	0.816
<i>NKX2.2</i>	rs13041756	-0.071	0.150	0.637	0.019	0.026	0.462	0.015	0.029	0.594
<i>RALY</i>	rs2268078	0.119	0.094	0.206	0.026	0.016	0.121	0.011	0.018	0.554
<i>EYA2</i>	rs6063048	0.177	0.105	0.092	-0.010	0.018	0.587	-0.002	0.020	0.935
<i>CEBPB</i>	rs11699802	0.030	0.094	0.751	-0.023	0.016	0.164	-0.031	0.018	0.083
<i>TSHZ2</i>	rs34454109	-0.085	0.107	0.425	-0.006	0.019	0.758	-0.008	0.021	0.710
<i>GNAS</i>	rs6070625	-0.108	0.088	0.222	-0.020	0.015	0.185	-0.025	0.017	0.131
<i>TCEA2</i>	rs59944054	0.155	0.106	0.145	-0.004	0.018	0.817	-0.013	0.020	0.521
<i>MTMR3/ASCC2</i>	rs6518681	0.149	0.169	0.377	-0.016	0.030	0.600	0.030	0.033	0.359
<i>YWHAH</i>	rs117001013	0.124	0.189	0.511	-0.031	0.033	0.356	-0.068	0.036	0.063
<i>EP300</i>	rs5758223	-0.009	0.100	0.928	0.023	0.018	0.194	0.006	0.019	0.755
<i>PNPLA3</i>	rs738408	-0.011	0.100	0.910	0.024	0.017	0.162	0.021	0.019	0.280
<i>PIM3</i>	rs1801645	-0.066	0.116	0.569	-0.001	0.020	0.977	0.020	0.022	0.358

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	0.022	0.032	0.488	0.167	0.075	0.025	-601.866	926.453	0.516
<i>FAF1</i>	rs58432198	0.067	0.041	0.105	0.005	0.097	0.961	1977.645	1192.670	0.098
<i>PATJ</i>	rs12140153	-0.056	0.046	0.222	0.099	0.108	0.359	459.389	1352.706	0.734
<i>PTGFRN</i>	rs1127215	0.033	0.026	0.196	0.064	0.061	0.290	-796.641	749.340	0.288
<i>NOTCH2</i>	rs1493694	-0.022	0.044	0.613	-0.251	0.104	0.016	-791.950	1299.096	0.542
<i>SEC16B</i>	rs539515	-0.004	0.034	0.906	0.035	0.080	0.661	-1395.318	991.710	0.160
<i>DSTYK</i>	rs12048743	0.039	0.026	0.140	-0.004	0.062	0.950	504.418	775.244	0.516
<i>SRGAP2</i>	rs9430095	-0.016	0.025	0.524	-0.058	0.060	0.333	988.120	745.299	0.185
<i>PROX1</i>	rs340874	0.022	0.026	0.400	0.071	0.061	0.245	-48.904	761.585	0.949
<i>LYPLAL1</i>	rs2820446	-0.033	0.029	0.264	0.073	0.069	0.291	135.460	853.618	0.874
<i>ABCB10</i>	rs348330	0.018	0.027	0.508	-0.126	0.063	0.046	892.330	788.272	0.258
<i>GNG4</i>	rs291367	0.024	0.027	0.374	0.059	0.064	0.360	-44.275	793.791	0.956
<i>FAM49A</i>	rs11680058	-0.066	0.038	0.083	-0.004	0.090	0.967	111.336	1120.863	0.921
<i>DTNB</i>	rs17802463	0.019	0.029	0.512	0.039	0.068	0.562	294.640	841.180	0.726
<i>GCKR</i>	rs1260326	0.039	0.025	0.123	0.085	0.060	0.155	156.705	742.186	0.833
<i>THADA</i>	rs80147536	-0.004	0.041	0.920	-0.075	0.096	0.438	-1059.519	1207.053	0.380
<i>BNIP1</i>	rs6545714	0.052	0.027	0.050	-0.038	0.062	0.544	1957.038	774.018	0.012
<i>BCL11A</i>	rs243024	-0.019	0.026	0.459	-0.091	0.060	0.131	-209.339	755.803	0.782
<i>CEP68</i>	rs2249105	0.022	0.027	0.417	0.017	0.063	0.783	1219.636	783.125	0.120
<i>GLI2</i>	rs11688682	-0.007	0.031	0.828	-0.083	0.074	0.265	1990.987	921.954	0.031
<i>PABPC1P2</i>	rs35999103	-0.050	0.033	0.136	-0.027	0.079	0.731	1124.375	967.558	0.246
<i>CYTIP</i>	rs13426680	-0.072	0.052	0.168	0.166	0.122	0.172	246.552	1521.672	0.871
<i>RBMS1</i>	rs3772071	-0.004	0.028	0.892	-0.034	0.067	0.614	36.639	827.695	0.965
<i>GRB14/COBLL1</i>	rs10195252	-0.066	0.028	0.018	0.089	0.065	0.175	556.330	810.918	0.493
<i>G6PC2</i>	rs1402837	-0.009	0.029	0.767	-0.057	0.069	0.410	-531.662	861.040	0.537
<i>CRYBA2</i>	rs113414093	-0.119	0.105	0.257	0.092	0.260	0.723	8870.634	2910.737	0.002
<i>IRS1</i>	rs2972144	0.001	0.028	0.982	-0.016	0.067	0.807	1074.702	813.234	0.187
<i>PPARG</i>	rs11709077	-0.059	0.041	0.154	0.096	0.098	0.327	-1333.487	1217.609	0.274

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-0.074	0.031	0.017	0.057	0.074	0.437	-535.124	911.188	0.557
<i>KIF9</i>	rs11926707	-0.042	0.027	0.126	0.014	0.064	0.826	155.248	791.372	0.845
<i>RBM6</i>	rs4688760	-0.035	0.029	0.230	0.030	0.068	0.661	420.007	838.168	0.616
<i>RFT1</i>	rs2581787	-0.058	0.026	0.027	-0.014	0.061	0.818	143.329	759.035	0.850
<i>PSMD6</i>	rs3774723	0.008	0.036	0.820	0.143	0.084	0.090	-1104.013	1040.104	0.289
<i>ADAMTS9</i>	rs9860730	-0.045	0.027	0.097	0.036	0.064	0.577	-576.092	791.659	0.467
<i>SHQ1</i>	rs13085136	-0.070	0.066	0.285	-0.146	0.154	0.342	3338.400	1916.483	0.082
<i>ROBO2</i>	rs2272163	-0.051	0.026	0.050	0.007	0.062	0.906	-239.504	771.391	0.756
<i>ADCY5</i>	rs11708067	0.032	0.032	0.314	0.058	0.075	0.443	1265.208	922.593	0.171
<i>SLC12A8</i>	rs649961	0.020	0.026	0.437	0.042	0.061	0.493	-759.087	753.572	0.314
<i>TMCC1</i>	rs9828772	0.044	0.048	0.356	0.028	0.115	0.811	1079.904	1374.069	0.432
<i>TSC22D2</i>	rs62271373	0.020	0.047	0.671	0.113	0.111	0.309	-1134.090	1355.291	0.403
<i>MBNL1</i>	rs13065698	-0.047	0.027	0.083	0.079	0.063	0.216	-565.850	785.074	0.471
<i>EGFEM1P</i>	rs7629630	0.011	0.037	0.768	0.076	0.086	0.381	77.576	1067.930	0.942
<i>SLC2A2</i>	rs9873618	-0.043	0.029	0.134	0.026	0.068	0.706	1160.021	834.006	0.165
<i>ABCC5</i>	rs2872246	0.006	0.025	0.796	-0.045	0.059	0.438	186.358	729.334	0.798
<i>IGF2BP2</i>	rs6780171	0.003	0.028	0.906	-0.003	0.066	0.964	-389.079	826.725	0.638
<i>ST6GAL1</i>	rs3887925	0.000	0.026	0.990	0.136	0.061	0.026	-1107.902	755.181	0.143
<i>LPP</i>	rs4686471	0.032	0.027	0.235	0.012	0.063	0.851	1113.860	782.480	0.155
<i>MAEA</i>	rs56337234	-0.004	0.028	0.882	0.038	0.067	0.570	-267.798	835.961	0.749
<i>HTT</i>	rs362307	-0.096	0.052	0.063	-0.033	0.122	0.789	1339.887	1501.287	0.373
<i>WFS1</i>	rs10937721	0.021	0.026	0.409	0.014	0.061	0.823	-1485.181	760.644	0.051
<i>LCORL</i>	rs12640250	0.007	0.030	0.813	0.016	0.071	0.818	-559.200	879.721	0.525
<i>GNPDA2</i>	rs10938398	-0.031	0.026	0.233	-0.024	0.061	0.698	1508.234	754.345	0.046
<i>USP46</i>	rs2102278	0.026	0.028	0.367	0.158	0.067	0.018	713.897	830.148	0.390
<i>SCD5</i>	rs12642790	0.027	0.028	0.331	0.116	0.066	0.078	-849.039	804.410	0.292
<i>FAM13A</i>	rs1903002	-0.041	0.026	0.116	-0.037	0.062	0.546	960.036	767.320	0.211
<i>SMARCAD1</i>	rs6821438	-0.021	0.027	0.422	0.015	0.063	0.812	414.315	773.430	0.592
<i>SLC9B1</i>	rs1580278	0.015	0.027	0.563	0.075	0.062	0.228	-540.343	773.355	0.485
<i>PABPC4L</i>	rs1296328	-0.020	0.027	0.453	0.003	0.064	0.968	-248.026	791.843	0.754

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	0.020	0.028	0.462	0.025	0.065	0.703	34.106	814.973	0.967
<i>PDGFC</i>	rs28819812	0.036	0.028	0.189	0.018	0.065	0.789	-336.773	808.506	0.677
<i>ACSL1</i>	rs58730668	-0.040	0.039	0.301	0.004	0.092	0.966	-1627.884	1114.593	0.145
<i>MRPS30</i>	rs6884702	0.020	0.026	0.453	-0.005	0.062	0.937	-699.860	768.057	0.363
<i>ITGA1</i>	rs3811978	-0.035	0.035	0.326	-0.003	0.084	0.970	3301.788	1007.708	0.001
<i>ARL15</i>	rs702634	0.043	0.028	0.128	0.036	0.067	0.595	-320.063	827.048	0.699
<i>ANKRD55</i>	rs465002	-0.026	0.028	0.368	-0.011	0.067	0.868	1076.838	834.214	0.197
<i>PIK3R1</i>	rs4976033	0.016	0.025	0.523	-0.036	0.060	0.552	2262.269	737.823	0.002
<i>POC5</i>	rs2307111	-0.005	0.026	0.836	-0.033	0.060	0.585	758.046	743.834	0.309
<i>ZBED3</i>	rs4457053	0.013	0.028	0.631	0.020	0.066	0.758	-1354.000	818.061	0.098
<i>DMGDH</i>	rs1316776	-0.010	0.027	0.718	-0.135	0.065	0.038	-332.306	801.180	0.678
<i>RASA1</i>	rs7719891	0.025	0.028	0.373	-0.050	0.066	0.445	271.372	807.291	0.737
<i>PCSK1</i>	rs13179048	0.025	0.028	0.374	-0.035	0.065	0.590	-623.895	804.587	0.438
<i>PHF15</i>	rs329122	-0.002	0.027	0.937	-0.026	0.064	0.678	1215.895	789.924	0.124
<i>EBF1</i>	rs3934712	0.062	0.031	0.045	-0.001	0.074	0.989	1158.565	907.996	0.202
<i>RREB1</i>	rs9379084	-0.009	0.042	0.833	-0.027	0.099	0.789	33.722	1235.768	0.978
<i>CDKAL1</i>	rs7756992	0.047	0.029	0.106	-0.092	0.068	0.177	-569.367	842.700	0.500
<i>MHC</i>	rs601945	0.039	0.039	0.316	0.018	0.091	0.846	216.070	1131.933	0.849
<i>LRFN2</i>	rs34298980	0.016	0.027	0.565	-0.060	0.064	0.352	-1308.801	803.822	0.104
<i>VEGFA</i>	rs6458354	0.021	0.029	0.482	-0.032	0.069	0.644	17.041	853.920	0.984
<i>TFAP2B</i>	rs3798519	-0.039	0.033	0.241	-0.004	0.079	0.958	-925.478	985.508	0.348
<i>BEND3</i>	rs4946812	-0.031	0.029	0.288	-0.041	0.069	0.555	259.322	853.222	0.761
<i>CENPW</i>	rs11759026	-0.005	0.032	0.862	-0.011	0.074	0.879	-567.072	925.134	0.540
<i>SOGA3</i>	rs2800733	0.047	0.029	0.106	-0.017	0.069	0.806	1001.701	851.098	0.240
<i>SLC35D3</i>	rs9494624	0.029	0.030	0.324	-0.024	0.070	0.734	-265.849	860.112	0.757
<i>MIR3668</i>	rs2982521	0.059	0.027	0.029	-0.084	0.064	0.192	512.430	784.287	0.514
<i>SLC22A3</i>	rs474513	-0.008	0.026	0.754	-0.014	0.062	0.821	-145.304	762.540	0.849
<i>QKI</i>	rs4709746	0.012	0.038	0.755	-0.060	0.088	0.496	468.983	1103.328	0.671
<i>DGKB</i>	rs10228066	-0.041	0.026	0.108	0.023	0.061	0.701	421.166	760.399	0.580
<i>IGF2BP3</i>	rs4279506	0.002	0.026	0.929	-0.070	0.062	0.260	-623.473	762.319	0.414

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>JAZF1</i>	rs1708302	0.003	0.025	0.902	-0.074	0.060	0.217	-695.751	741.798	0.349
<i>CRHR2</i>	rs917195	-0.025	0.031	0.415	-0.091	0.073	0.213	1309.642	884.101	0.139
<i>GCK</i>	rs878521	-0.030	0.030	0.310	0.012	0.070	0.865	-219.140	864.167	0.800
<i>FBXL13</i>	rs11496066	-0.003	0.034	0.929	-0.150	0.080	0.062	-1488.125	993.525	0.135
<i>RELN</i>	rs39328	0.005	0.027	0.844	-0.039	0.063	0.531	-679.234	777.181	0.383
<i>CTTNBP2</i>	rs6976111	-0.007	0.028	0.818	0.020	0.067	0.766	-1157.948	831.463	0.164
<i>KLF14</i>	rs1562396	-0.001	0.028	0.969	-0.061	0.067	0.357	-167.923	835.258	0.841
<i>AOC1</i>	rs62492368	0.016	0.028	0.562	-0.052	0.066	0.436	309.342	815.173	0.704
<i>MNX1</i>	rs6459733	0.014	0.026	0.588	-0.044	0.062	0.475	792.645	757.498	0.296
<i>PPP1R3B</i>	rs4841132	-0.006	0.050	0.903	-0.236	0.119	0.047	-338.050	1450.377	0.816
<i>MSRA</i>	rs17689007	0.003	0.025	0.892	-0.050	0.059	0.393	-88.474	729.461	0.904
<i>XKR6</i>	rs57327348	0.020	0.035	0.561	-0.064	0.083	0.438	-640.434	1042.831	0.539
<i>LPL</i>	rs10096633	-0.055	0.038	0.152	-0.173	0.090	0.055	-390.208	1113.825	0.726
<i>PURG</i>	rs10954772	-0.015	0.028	0.587	0.047	0.065	0.470	371.318	808.558	0.646
<i>ANK1</i>	rs13262861	-0.042	0.032	0.184	0.073	0.076	0.333	122.579	930.223	0.895
<i>TP53INP1</i>	rs10097617	0.029	0.026	0.267	-0.082	0.062	0.188	179.567	762.892	0.814
<i>TRHR</i>	rs12680028	0.020	0.026	0.442	0.021	0.061	0.727	656.885	756.358	0.385
<i>SLC30A8</i>	rs3802177	0.038	0.028	0.183	0.116	0.067	0.084	-452.361	831.342	0.587
<i>CASC11</i>	rs17772814	-0.013	0.049	0.785	0.218	0.115	0.057	-2359.814	1419.937	0.097
<i>PVT1</i>	rs1561927	0.021	0.028	0.456	-0.065	0.067	0.337	130.388	829.036	0.875
<i>BOP1</i>	rs4977213	0.009	0.026	0.737	0.026	0.061	0.667	-786.322	754.284	0.298
<i>GLIS3</i>	rs10974438	0.020	0.027	0.457	0.184	0.063	0.004	-244.746	793.513	0.758
<i>HAUS6</i>	rs7022807	-0.025	0.026	0.334	0.093	0.062	0.132	658.503	771.646	0.394
<i>FOCAD</i>	rs7867635	0.022	0.026	0.398	-0.047	0.062	0.451	524.404	775.809	0.499
<i>CDKN2A/B</i>	rs10811660	0.019	0.035	0.585	0.066	0.082	0.423	-1376.326	1036.964	0.185
<i>LINGO2</i>	rs1412234	0.031	0.028	0.278	-0.087	0.066	0.192	-453.584	814.145	0.578
<i>UBAP2</i>	rs12001437	-0.003	0.026	0.913	-0.076	0.061	0.216	1538.071	755.720	0.042
<i>MTND2P8</i>	rs11137820	-0.034	0.026	0.186	0.035	0.061	0.564	884.171	750.324	0.239
<i>TLE4</i>	rs17791513	0.021	0.055	0.709	0.068	0.130	0.603	986.092	1630.682	0.546
<i>TLE1</i>	rs2796441	-0.005	0.025	0.847	0.012	0.059	0.841	-23.343	735.115	0.975

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	-0.007	0.029	0.800	-0.138	0.068	0.041	356.357	846.395	0.674
<i>ABO</i>	rs505922	0.029	0.027	0.287	0.091	0.063	0.149	-1798.094	773.682	0.020
<i>GPSM1</i>	rs28505901	-0.005	0.033	0.872	-0.027	0.078	0.733	-99.038	961.538	0.918
<i>CDC123/CAMK1D</i>	rs11257655	0.032	0.032	0.320	0.050	0.076	0.506	455.294	945.077	0.630
<i>HKDC1</i>	rs4746822	-0.003	0.027	0.906	-0.020	0.064	0.753	1059.100	782.603	0.176
<i>NEUROG3</i>	rs2642588	0.011	0.028	0.705	0.028	0.066	0.673	153.276	819.838	0.852
<i>ZMIZ1</i>	rs703972	0.013	0.027	0.628	-0.006	0.064	0.928	867.138	789.570	0.273
<i>PTEN</i>	rs11202627	0.035	0.037	0.343	0.017	0.086	0.840	-588.995	1059.693	0.579
<i>HHEX/IDE</i>	rs10882101	-0.013	0.026	0.629	-0.061	0.061	0.323	1456.754	760.118	0.056
<i>TCF7L2</i>	rs7903146	0.011	0.027	0.684	0.055	0.064	0.389	-209.595	791.067	0.791
<i>WDR11</i>	rs72631105	0.047	0.034	0.173	0.149	0.081	0.066	-573.457	1005.996	0.569
<i>PLEKHA1</i>	rs2280141	0.021	0.026	0.425	0.002	0.062	0.974	906.295	764.904	0.237
<i>INS/IGF2</i>	rs4929965	0.022	0.027	0.410	0.015	0.063	0.814	1041.215	771.293	0.178
<i>KCNQ1</i>	rs2237895	0.012	0.025	0.631	-0.044	0.059	0.458	-553.583	731.688	0.450
<i>KCNJ11</i>	rs5213	0.012	0.028	0.667	-0.038	0.067	0.570	-50.066	821.783	0.951
<i>METTL15</i>	rs4923543	-0.004	0.028	0.880	0.000	0.067	0.998	-912.374	827.491	0.271
<i>PDHX</i>	rs2767036	0.037	0.028	0.198	-0.016	0.067	0.807	-989.063	823.906	0.230
<i>HSD17B12</i>	rs1061810	-0.036	0.029	0.208	-0.026	0.069	0.706	320.814	843.494	0.704
<i>CRY2</i>	rs7115753	-0.023	0.027	0.377	0.080	0.062	0.202	-672.423	772.770	0.385
<i>CELF1</i>	rs7124681	0.049	0.025	0.050	0.050	0.059	0.400	-1167.810	734.625	0.112
<i>MAP3K11</i>	rs1783541	0.016	0.035	0.647	-0.145	0.081	0.075	70.590	997.647	0.944
<i>CENTD2/ARAP1</i>	rs77464186	-0.062	0.037	0.093	-0.025	0.086	0.776	639.317	1073.666	0.552
<i>MTNR1B</i>	rs10830963	-0.008	0.029	0.789	-0.022	0.068	0.742	663.884	844.739	0.432
<i>ETS1</i>	rs67232546	-0.023	0.031	0.451	0.110	0.073	0.132	-1567.835	903.742	0.083
<i>CDKN1B</i>	rs2066827	0.058	0.040	0.150	0.096	0.094	0.310	-2184.832	1170.163	0.062
<i>ITPR2</i>	rs718314	-0.024	0.030	0.411	0.046	0.070	0.509	268.894	872.250	0.758
<i>KLHDC5</i>	rs10842994	-0.036	0.032	0.261	0.066	0.075	0.376	501.882	922.493	0.587
<i>HMGA2</i>	rs2258238	0.062	0.041	0.131	0.185	0.097	0.056	-316.077	1190.068	0.791
<i>TSPAN8/LGR5</i>	rs1796330	-0.034	0.026	0.197	-0.017	0.062	0.791	1032.631	772.208	0.182
<i>USP44</i>	rs2197973	0.049	0.025	0.052	-0.112	0.059	0.059	-49.087	740.711	0.947

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	-0.001	0.053	0.978	-0.168	0.123	0.173	1106.467	1521.444	0.467
<i>WSCD2</i>	rs1426371	0.034	0.033	0.307	0.040	0.077	0.603	1615.081	946.717	0.089
<i>KSR2</i>	rs34965774	-0.037	0.038	0.323	0.055	0.088	0.533	-540.368	1097.254	0.623
<i>HNF1A</i>	rs56348580	-0.027	0.028	0.346	0.019	0.067	0.779	-600.358	818.730	0.464
<i>MPHOSPH9</i>	rs4148856	-0.018	0.029	0.548	0.110	0.069	0.111	1205.160	856.092	0.160
<i>ZNF664</i>	rs7978610	-0.016	0.027	0.550	0.012	0.064	0.845	-472.213	775.070	0.543
<i>FBRSL1</i>	rs12811407	0.002	0.028	0.938	0.039	0.067	0.565	-422.263	824.587	0.609
<i>RNF6</i>	rs34584161	0.051	0.029	0.079	0.030	0.069	0.663	72.202	855.445	0.933
<i>HMGB1</i>	rs11842871	-0.026	0.032	0.411	-0.150	0.075	0.045	114.248	932.593	0.903
<i>KL</i>	rs576674	-0.015	0.032	0.652	0.031	0.076	0.682	-52.712	940.080	0.955
<i>DLEU1</i>	rs963740	0.002	0.029	0.948	0.053	0.068	0.431	-222.566	838.136	0.791
<i>PCDH17</i>	rs9537803	-0.076	0.029	0.010	-0.060	0.069	0.391	859.301	849.034	0.312
<i>SRGAP2D</i>	rs9563615	0.015	0.029	0.598	-0.010	0.069	0.890	139.325	857.573	0.871
<i>SPRY2</i>	rs1359790	-0.019	0.029	0.509	0.036	0.068	0.596	-1131.791	837.690	0.177
<i>IRS2</i>	rs7987740	0.014	0.027	0.606	-0.077	0.064	0.232	1037.100	788.152	0.189
<i>SLC7A7</i>	rs17122772	-0.031	0.033	0.345	-0.124	0.078	0.114	-2719.957	960.368	0.005
<i>AKAP6</i>	rs17522122	0.027	0.026	0.308	0.013	0.061	0.830	17.932	750.902	0.981
<i>CLEC14A</i>	rs8017808	-0.030	0.029	0.288	-0.122	0.067	0.069	268.709	836.933	0.748
<i>NRXN3</i>	rs17836088	-0.010	0.032	0.754	-0.083	0.075	0.269	614.908	930.851	0.509
<i>SMEK1</i>	rs8010382	-0.006	0.027	0.817	0.064	0.065	0.324	362.953	800.156	0.650
<i>MARK3</i>	rs62007683	0.017	0.027	0.514	-0.059	0.063	0.350	526.691	781.194	0.500
<i>RASGRP1</i>	rs34715063	-0.016	0.041	0.691	0.000	0.098	0.997	-406.628	1171.439	0.729
<i>LTK</i>	rs11070332	0.040	0.026	0.128	-0.049	0.062	0.427	-1089.468	755.005	0.150
<i>ONECUT1</i>	rs2456530	-0.033	0.040	0.413	-0.002	0.094	0.986	-325.864	1171.731	0.781
<i>C2CD4A/B</i>	rs8037894	-0.012	0.026	0.638	0.149	0.061	0.014	704.700	744.054	0.344
<i>USP3</i>	rs7178762	0.005	0.026	0.846	-0.004	0.062	0.942	789.723	757.914	0.298
<i>MAP2K5</i>	rs4776970	0.006	0.026	0.830	-0.008	0.062	0.892	0.778	772.762	0.999
<i>PTPN9</i>	rs13737	0.020	0.029	0.487	0.085	0.069	0.220	-516.599	853.357	0.545
<i>HMG20A</i>	rs1005752	0.014	0.028	0.628	0.021	0.067	0.757	-554.704	823.274	0.501
<i>AP3S2</i>	rs4932265	0.006	0.030	0.850	0.082	0.070	0.237	217.483	866.689	0.802

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	0.005	0.026	0.848	-0.091	0.062	0.142	333.315	767.721	0.664
<i>ITFG3</i>	rs6600191	-0.008	0.033	0.820	-0.037	0.080	0.644	-1041.445	974.488	0.286
<i>CLUAP1</i>	rs3751837	-0.021	0.033	0.513	0.037	0.077	0.632	154.133	961.115	0.873
<i>ATP2A1</i>	rs8046545	0.011	0.027	0.689	-0.042	0.065	0.517	-655.146	808.148	0.418
<i>FAM57B</i>	rs11642430	-0.014	0.027	0.603	0.023	0.064	0.720	240.683	792.569	0.761
<i>FTO</i>	rs1421085	-0.011	0.026	0.653	-0.023	0.060	0.708	713.083	745.790	0.339
<i>NFAT5</i>	rs862320	0.032	0.026	0.226	-0.109	0.062	0.079	-57.407	759.477	0.940
<i>BCAR1</i>	rs72802342	0.042	0.051	0.410	0.129	0.119	0.278	528.338	1476.816	0.721
<i>CMIP</i>	rs2925979	-0.025	0.028	0.375	-0.085	0.067	0.201	-197.313	816.536	0.809
<i>SPG7</i>	rs12920022	-0.005	0.038	0.891	0.120	0.090	0.182	-67.384	1105.776	0.951
<i>ZZEF1</i>	rs1377807	-0.015	0.028	0.583	0.032	0.066	0.633	-46.687	814.460	0.954
<i>ATP1B2</i>	rs1641523	0.039	0.027	0.151	-0.015	0.064	0.812	1288.678	785.354	0.101
<i>GLP2R</i>	rs7222481	-0.022	0.028	0.428	-0.008	0.067	0.904	897.630	826.177	0.278
<i>RAI1</i>	rs4925109	-0.005	0.026	0.837	-0.047	0.061	0.444	-1303.975	756.279	0.085
<i>NF1</i>	rs71372253	0.078	0.049	0.110	0.094	0.116	0.419	-35.972	1435.212	0.980
<i>HNF1B</i>	rs10908278	-0.005	0.026	0.847	0.015	0.061	0.801	-104.028	755.292	0.891
<i>MLX</i>	rs34855406	0.015	0.030	0.618	-0.107	0.070	0.126	-870.259	856.930	0.310
<i>TTL6</i>	rs35895680	0.036	0.028	0.204	-0.037	0.066	0.577	1098.477	813.103	0.177
<i>ACE</i>	rs60276348	-0.018	0.033	0.584	0.066	0.078	0.397	-160.242	962.571	0.868
<i>BPTF</i>	rs61676547	0.007	0.031	0.819	0.036	0.072	0.621	-1577.691	896.986	0.079
<i>LAMA1</i>	rs7240767	0.014	0.026	0.585	0.013	0.061	0.836	-952.314	753.295	0.207
<i>COMMD9</i>	rs62080313	0.013	0.038	0.741	-0.074	0.090	0.413	-790.792	1116.213	0.479
<i>TCF4</i>	rs72926932	-0.063	0.047	0.186	0.074	0.112	0.509	-620.840	1411.906	0.660
<i>WDR7</i>	rs17684074	0.014	0.031	0.644	0.097	0.072	0.180	273.528	901.494	0.762
<i>GRP</i>	rs9957145	0.040	0.037	0.270	0.061	0.087	0.482	1177.701	1071.636	0.272
<i>MC4R</i>	rs523288	-0.032	0.030	0.279	0.015	0.070	0.827	1284.557	867.314	0.139
<i>BCL2A</i>	rs12454712	0.016	0.031	0.599	0.001	0.073	0.989	-643.005	902.048	0.476
<i>UHRF1</i>	rs7249758	0.023	0.032	0.482	-0.025	0.075	0.743	-92.895	937.250	0.921
<i>INSR</i>	rs75253922	0.034	0.034	0.308	0.028	0.080	0.726	-23.446	964.519	0.981
<i>MAP2K7</i>	rs4804833	0.020	0.026	0.451	-0.006	0.062	0.923	218.942	750.034	0.770

Locus	Variant	HDL - V2 (mmol/l)			LDL - V2 (mmol/l)			Fasting Leptin -V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-0.006	0.026	0.815	0.020	0.062	0.752	-575.507	766.042	0.453
<i>TM6SF2</i>	rs8107974	0.101	0.051	0.049	0.016	0.122	0.897	283.562	1489.907	0.849
<i>PEPD</i>	rs10406327	-0.013	0.026	0.618	0.007	0.060	0.902	477.156	739.490	0.519
<i>TOMM40/APOE</i>	rs429358	0.111	0.040	0.006	-0.380	0.093	0.000	846.387	1164.247	0.468
<i>GIPR</i>	rs10406431	-0.041	0.026	0.117	-0.050	0.061	0.416	417.108	760.823	0.584
<i>ZC3H4</i>	rs3810291	0.009	0.028	0.756	0.040	0.066	0.542	413.912	820.366	0.614
<i>NKX2.2</i>	rs13041756	0.025	0.044	0.577	-0.113	0.103	0.273	-621.268	1281.263	0.628
<i>RALY</i>	rs2268078	0.030	0.028	0.273	-0.026	0.065	0.684	605.448	806.688	0.453
<i>EYA2</i>	rs6063048	-0.011	0.030	0.707	0.014	0.072	0.844	-765.300	889.451	0.390
<i>CEBPB</i>	rs11699802	-0.016	0.028	0.554	-0.047	0.065	0.468	-98.137	797.194	0.902
<i>TSHZ2</i>	rs34454109	0.016	0.031	0.608	-0.132	0.074	0.076	1122.043	919.926	0.223
<i>GNAS</i>	rs6070625	0.037	0.025	0.147	-0.002	0.060	0.968	-612.270	747.600	0.413
<i>TCEA2</i>	rs59944054	-0.039	0.031	0.201	-0.111	0.073	0.129	666.968	895.531	0.457
<i>MTMR3/ASCC2</i>	rs6518681	0.003	0.050	0.957	-0.061	0.118	0.604	389.070	1446.069	0.788
<i>YWHAH</i>	rs117001013	0.024	0.055	0.669	0.055	0.130	0.669	-3488.743	1603.178	0.030
<i>EP300</i>	rs5758223	-0.008	0.029	0.784	0.077	0.069	0.267	-286.134	854.341	0.738
<i>PNPLA3</i>	rs738408	0.020	0.029	0.492	0.015	0.069	0.823	-1074.566	847.884	0.206
<i>PIM3</i>	rs1801645	0.072	0.035	0.039	-0.015	0.082	0.858	1555.391	982.340	0.114

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	329.826	757.180	0.663	-0.308	0.363	0.396	-0.061	0.388	0.875
<i>FAF1</i>	rs58432198	1262.082	975.996	0.196	-0.659	0.473	0.164	-0.797	0.505	0.115
<i>PATJ</i>	rs12140153	50.339	1104.840	0.964	0.027	0.531	0.959	-0.013	0.567	0.982
<i>PTGFRN</i>	rs1127215	-696.474	611.140	0.255	0.048	0.296	0.871	0.095	0.318	0.764
<i>NOTCH2</i>	rs1493694	-1597.456	1064.039	0.134	0.663	0.511	0.195	0.485	0.546	0.375
<i>SEC16B</i>	rs539515	-2267.238	805.985	0.005	0.326	0.391	0.404	0.149	0.418	0.722
<i>DSTYK</i>	rs12048743	584.746	631.340	0.355	-0.405	0.304	0.184	-0.374	0.326	0.252
<i>SRGAP2</i>	rs9430095	798.645	608.192	0.190	-0.131	0.294	0.656	-0.144	0.315	0.647
<i>PROX1</i>	rs340874	730.519	622.884	0.241	-0.334	0.301	0.267	-0.075	0.321	0.816
<i>LYPLAL1</i>	rs2820446	-325.788	696.322	0.640	-0.693	0.333	0.038	-0.757	0.357	0.034
<i>ABCB10</i>	rs348330	460.870	643.663	0.474	0.287	0.311	0.357	0.207	0.333	0.536
<i>GNG4</i>	rs291367	207.600	648.189	0.749	0.210	0.313	0.503	0.297	0.335	0.377
<i>FAM49A</i>	rs11680058	615.213	913.668	0.501	0.070	0.440	0.873	0.198	0.471	0.674
<i>DTNB</i>	rs17802463	221.454	685.973	0.747	-0.015	0.329	0.964	-0.006	0.353	0.986
<i>GCKR</i>	rs1260326	-353.627	607.877	0.561	0.057	0.293	0.845	-0.153	0.313	0.626
<i>THADA</i>	rs80147536	-439.665	985.017	0.656	-0.014	0.472	0.976	0.178	0.506	0.724
<i>BNIP1</i>	rs6545714	1377.890	632.359	0.030	-0.142	0.306	0.644	-0.279	0.327	0.394
<i>BCL11A</i>	rs243024	363.606	616.931	0.556	-0.052	0.298	0.861	0.064	0.319	0.840
<i>CEP68</i>	rs2249105	534.428	641.293	0.405	0.214	0.311	0.492	0.038	0.332	0.910
<i>GLI2</i>	rs11688682	1254.741	754.827	0.097	-0.534	0.364	0.143	-0.765	0.389	0.050
<i>PABPC1P2</i>	rs35999103	242.553	791.444	0.759	0.143	0.380	0.708	-0.023	0.407	0.955
<i>CYTIP</i>	rs13426680	218.903	1239.822	0.860	-0.454	0.599	0.448	-0.460	0.642	0.473
<i>RBMS1</i>	rs3772071	407.925	675.387	0.546	-0.138	0.324	0.671	-0.012	0.348	0.973
<i>GRB14/COBLL1</i>	rs10195252	619.132	660.412	0.349	-0.264	0.317	0.406	-0.241	0.340	0.479
<i>G6PC2</i>	rs1402837	-670.244	705.345	0.342	0.634	0.338	0.061	0.571	0.361	0.114
<i>CRYBA2</i>	rs113414093	6212.808	2433.018	0.011	-0.443	1.181	0.708	-1.052	1.251	0.401
<i>IRS1</i>	rs2972144	325.110	665.197	0.625	-0.146	0.320	0.648	-0.313	0.343	0.362
<i>PPARG</i>	rs11709077	-809.337	996.116	0.417	-0.776	0.477	0.104	-0.586	0.510	0.251

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-480.386	742.901	0.518	0.033	0.357	0.926	0.061	0.382	0.874
<i>KIF9</i>	rs11926707	30.840	646.430	0.962	-0.022	0.310	0.944	-0.068	0.333	0.838
<i>RBM6</i>	rs4688760	-2.221	684.179	0.997	-0.055	0.330	0.868	-0.146	0.353	0.679
<i>RFT1</i>	rs2581787	64.136	619.872	0.918	-0.025	0.297	0.932	-0.087	0.319	0.785
<i>PSMD6</i>	rs3774723	-910.711	847.959	0.283	-0.470	0.408	0.250	-0.425	0.437	0.331
<i>ADAMTS9</i>	rs9860730	-557.406	645.469	0.388	-0.273	0.310	0.380	-0.226	0.333	0.496
<i>SHQ1</i>	rs13085136	533.536	1578.216	0.735	-1.455	0.763	0.057	-2.286	0.809	0.005
<i>ROBO2</i>	rs2272163	-983.071	629.608	0.119	0.528	0.304	0.083	0.329	0.325	0.312
<i>ADCY5</i>	rs11708067	398.632	754.779	0.598	-0.535	0.362	0.140	-0.742	0.387	0.055
<i>SLC12A8</i>	rs649961	-112.781	616.952	0.855	-0.326	0.297	0.272	-0.191	0.317	0.548
<i>TMCC1</i>	rs9828772	239.146	1121.162	0.831	-0.125	0.542	0.817	-0.379	0.580	0.515
<i>TSC22D2</i>	rs62271373	-788.310	1104.617	0.476	-0.702	0.534	0.189	-0.645	0.572	0.260
<i>MBNL1</i>	rs13065698	-662.794	640.751	0.301	0.621	0.307	0.043	0.621	0.328	0.059
<i>EGFEM1P</i>	rs7629630	-199.227	870.497	0.819	-0.154	0.419	0.714	-0.243	0.449	0.588
<i>SLC2A2</i>	rs9873618	692.793	680.984	0.309	-0.327	0.329	0.321	-0.460	0.352	0.192
<i>ABCC5</i>	rs2872246	-353.940	595.481	0.552	0.376	0.287	0.190	0.261	0.308	0.397
<i>IGF2BP2</i>	rs6780171	-194.060	674.567	0.774	0.064	0.324	0.843	0.108	0.347	0.755
<i>ST6GAL1</i>	rs3887925	-131.857	620.483	0.832	0.121	0.300	0.687	0.384	0.319	0.229
<i>LPP</i>	rs4686471	688.246	638.701	0.282	0.252	0.308	0.413	0.111	0.330	0.737
<i>MAEA</i>	rs56337234	-68.375	682.322	0.920	-0.356	0.328	0.278	-0.277	0.352	0.431
<i>HTT</i>	rs362307	764.340	1224.280	0.533	-0.023	0.603	0.970	-0.254	0.646	0.694
<i>WFS1</i>	rs10937721	-1744.635	617.603	0.005	0.184	0.300	0.539	0.124	0.321	0.700
<i>LCORL</i>	rs12640250	-424.499	717.664	0.554	0.223	0.345	0.518	0.294	0.369	0.427
<i>GNPDA2</i>	rs10938398	874.812	617.395	0.157	-0.401	0.298	0.179	-0.550	0.318	0.084
<i>USP46</i>	rs2102278	1012.497	676.457	0.135	0.413	0.326	0.205	0.529	0.349	0.130
<i>SCD5</i>	rs12642790	-447.195	656.448	0.496	0.749	0.315	0.018	0.864	0.337	0.011
<i>FAM13A</i>	rs1903002	1161.270	625.567	0.064	-0.302	0.302	0.317	-0.207	0.324	0.523
<i>SMARCA1</i>	rs6821438	18.524	630.641	0.977	-0.191	0.304	0.531	-0.296	0.326	0.364
<i>SLC9B1</i>	rs1580278	-294.482	631.134	0.641	-0.212	0.305	0.488	-0.151	0.327	0.644
<i>PABPC4L</i>	rs1296328	-609.417	647.161	0.347	0.149	0.312	0.632	0.146	0.334	0.662

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	-368.368	665.034	0.580	0.028	0.321	0.931	-0.117	0.344	0.733
<i>PDGFC</i>	rs28819812	662.857	661.197	0.317	-0.476	0.317	0.134	-0.252	0.339	0.458
<i>ACSL1</i>	rs58730668	-1241.307	908.984	0.173	-0.036	0.439	0.934	0.111	0.470	0.814
<i>MRPS30</i>	rs6884702	-1313.672	626.473	0.036	0.282	0.303	0.352	0.093	0.324	0.774
<i>ITGA1</i>	rs3811978	2588.347	823.521	0.002	-0.756	0.401	0.060	-0.888	0.429	0.039
<i>ARL15</i>	rs702634	-243.553	676.727	0.719	0.366	0.326	0.262	0.324	0.349	0.353
<i>ANKRD55</i>	rs465002	956.353	680.067	0.160	-0.847	0.325	0.009	-0.895	0.348	0.010
<i>PIK3R1</i>	rs4976033	1305.592	609.516	0.033	-0.356	0.295	0.228	-0.650	0.313	0.038
<i>POC5</i>	rs2307111	340.631	608.295	0.576	-0.215	0.294	0.464	-0.294	0.314	0.349
<i>ZBED3</i>	rs4457053	-872.869	668.089	0.192	0.084	0.325	0.795	0.229	0.348	0.511
<i>DMGDH</i>	rs1316776	-111.115	653.499	0.865	0.244	0.317	0.442	0.249	0.340	0.463
<i>RASA1</i>	rs7719891	557.823	658.009	0.397	-0.260	0.317	0.412	-0.215	0.340	0.526
<i>PCSK1</i>	rs13179048	-772.177	655.699	0.239	0.211	0.315	0.504	0.221	0.338	0.513
<i>PHF15</i>	rs329122	614.579	646.349	0.342	-0.124	0.312	0.692	-0.231	0.334	0.489
<i>EBF1</i>	rs3934712	1066.717	740.272	0.150	0.087	0.360	0.810	0.054	0.386	0.888
<i>RREB1</i>	rs9379084	392.784	1018.131	0.700	0.153	0.487	0.754	0.344	0.516	0.506
<i>CDKAL1</i>	rs7756992	-62.620	688.054	0.928	-0.108	0.332	0.746	0.016	0.355	0.965
<i>MHC</i>	rs601945	-145.278	922.912	0.875	-0.069	0.443	0.876	-0.186	0.474	0.694
<i>LRFN2</i>	rs34298980	-722.163	657.532	0.273	0.357	0.318	0.263	0.528	0.340	0.121
<i>VEGFA</i>	rs6458354	661.536	696.543	0.343	-0.278	0.336	0.408	-0.114	0.360	0.752
<i>TFAP2B</i>	rs3798519	-1571.862	803.248	0.051	0.003	0.387	0.994	-0.230	0.414	0.579
<i>BEND3</i>	rs4946812	-83.848	698.908	0.905	0.379	0.337	0.260	0.298	0.359	0.407
<i>CENPW</i>	rs11759026	-871.539	754.374	0.248	-0.191	0.362	0.599	-0.296	0.388	0.446
<i>SOGA3</i>	rs2800733	582.403	694.727	0.402	-0.588	0.335	0.080	-0.684	0.358	0.057
<i>SLC35D3</i>	rs9494624	396.328	702.150	0.573	-0.242	0.339	0.475	-0.087	0.363	0.811
<i>MIR3668</i>	rs2982521	236.720	640.221	0.712	0.175	0.310	0.572	0.050	0.332	0.880
<i>SLC22A3</i>	rs474513	-256.473	623.323	0.681	0.055	0.300	0.854	0.086	0.321	0.788
<i>QKI</i>	rs4709746	153.467	899.541	0.865	-0.278	0.432	0.520	-0.337	0.463	0.468
<i>DGKB</i>	rs10228066	-221.020	622.020	0.722	0.136	0.302	0.653	-0.010	0.323	0.974
<i>IGF2BP3</i>	rs4279506	-200.300	623.125	0.748	-0.141	0.300	0.638	-0.058	0.322	0.857

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	-308.304	605.708	0.611	0.356	0.292	0.222	0.434	0.313	0.165
CRHR2	rs917195	168.628	725.094	0.816	-0.499	0.349	0.154	-0.778	0.372	0.037
GCK	rs878521	-167.625	704.767	0.812	-0.399	0.340	0.241	-0.375	0.364	0.304
FBXL13	rs11496066	-1585.597	810.239	0.051	0.639	0.389	0.101	0.592	0.417	0.157
RELN	rs39328	-823.171	632.698	0.194	-0.311	0.305	0.310	-0.349	0.327	0.287
CTTNBP2	rs6976111	-796.026	678.548	0.241	-0.181	0.328	0.580	-0.045	0.351	0.897
KLF14	rs1562396	-126.734	681.204	0.852	-0.227	0.329	0.489	-0.248	0.352	0.482
AOC1	rs62492368	585.268	664.265	0.379	0.182	0.320	0.570	0.232	0.343	0.500
MNX1	rs6459733	387.692	618.364	0.531	-0.217	0.299	0.468	-0.284	0.320	0.374
PPP1R3B	rs4841132	790.089	1183.043	0.505	-0.338	0.582	0.561	-0.026	0.623	0.967
MSRA	rs17689007	134.489	595.136	0.821	0.690	0.285	0.016	0.732	0.306	0.017
XKR6	rs57327348	-722.381	849.400	0.395	-0.197	0.409	0.629	-0.188	0.437	0.668
LPL	rs10096633	-68.291	909.485	0.940	-0.410	0.437	0.348	-0.397	0.468	0.397
PURG	rs10954772	-123.557	660.486	0.852	-0.227	0.321	0.480	-0.440	0.343	0.201
ANK1	rs13262861	182.333	763.456	0.811	0.224	0.370	0.545	0.142	0.396	0.720
TP53INP1	rs10097617	-25.758	622.847	0.967	0.029	0.299	0.924	-0.066	0.321	0.837
TRHR	rs12680028	183.834	618.440	0.766	0.018	0.297	0.951	-0.092	0.318	0.771
SLC30A8	rs3802177	-190.275	678.414	0.779	0.546	0.329	0.098	0.683	0.352	0.053
CASC11	rs17772814	-2009.805	1156.989	0.083	0.490	0.554	0.377	0.590	0.594	0.321
PVT1	rs1561927	443.505	676.145	0.512	-0.137	0.326	0.674	-0.091	0.349	0.795
BOP1	rs4977213	-336.534	616.429	0.585	0.759	0.295	0.010	0.879	0.315	0.005
GLIS3	rs10974438	-443.617	646.945	0.493	0.351	0.311	0.261	0.317	0.334	0.342
HAUS6	rs7022807	326.011	631.314	0.606	0.316	0.305	0.301	0.284	0.327	0.386
FOCAD	rs7867635	181.463	633.235	0.775	-0.388	0.304	0.203	-0.453	0.325	0.165
CDKN2A/B	rs10811660	-1472.322	844.295	0.082	0.320	0.407	0.432	0.287	0.437	0.511
LINGO2	rs1412234	-441.683	664.218	0.506	0.307	0.319	0.336	0.277	0.342	0.418
UBAP2	rs12001437	1155.896	617.036	0.062	-0.112	0.299	0.708	-0.214	0.320	0.503
MTND2P8	rs11137820	705.992	611.960	0.249	0.717	0.292	0.014	0.719	0.314	0.022
TLE4	rs17791513	172.478	1329.793	0.897	-0.850	0.643	0.187	-1.099	0.688	0.111
TLE1	rs2796441	78.714	599.763	0.896	-0.115	0.289	0.690	-0.055	0.310	0.860

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	-339.105	691.070	0.624	-0.062	0.332	0.852	-0.193	0.355	0.587
<i>ABO</i>	rs505922	-1458.218	631.572	0.021	0.376	0.305	0.218	0.458	0.327	0.161
<i>GPSM1</i>	rs28505901	88.870	784.567	0.910	-0.061	0.379	0.871	0.028	0.406	0.944
<i>CDC123/CAMK1D</i>	rs11257655	-441.402	772.697	0.568	0.109	0.374	0.771	-0.135	0.399	0.736
<i>HKDC1</i>	rs4746822	437.958	639.769	0.494	0.036	0.309	0.908	-0.166	0.331	0.615
<i>NEUROG3</i>	rs2642588	-49.312	668.808	0.941	-0.388	0.322	0.228	-0.498	0.344	0.149
<i>ZMIZ1</i>	rs703972	720.381	643.215	0.263	-0.223	0.310	0.473	-0.241	0.332	0.468
<i>PTEN</i>	rs11202627	-379.973	863.754	0.660	-0.782	0.414	0.059	-0.738	0.444	0.097
<i>HHEX/IDE</i>	rs10882101	1348.134	619.542	0.030	-0.151	0.298	0.612	-0.202	0.319	0.528
<i>TCF7L2</i>	rs7903146	-226.600	645.033	0.725	-0.272	0.310	0.380	-0.243	0.332	0.466
<i>WDR11</i>	rs72631105	-733.969	819.899	0.371	0.724	0.394	0.066	0.685	0.422	0.105
<i>PLEKHA1</i>	rs2280141	492.715	624.034	0.430	0.019	0.301	0.950	-0.082	0.323	0.800
<i>INS/IGF2</i>	rs4929965	490.022	630.671	0.437	0.117	0.305	0.701	-0.078	0.326	0.810
<i>KCNQ1</i>	rs2237895	-254.130	597.841	0.671	-0.171	0.287	0.552	-0.107	0.308	0.727
<i>KCNJ11</i>	rs5213	-282.635	671.775	0.674	0.226	0.325	0.488	0.211	0.348	0.546
<i>METTL15</i>	rs4923543	-289.928	676.465	0.668	-0.039	0.326	0.904	0.110	0.349	0.752
<i>PDHX</i>	rs2767036	-609.598	672.917	0.365	0.134	0.325	0.679	0.235	0.348	0.499
<i>HSD17B12</i>	rs1061810	516.860	688.069	0.453	0.214	0.332	0.520	0.244	0.356	0.494
<i>CRY2</i>	rs7115753	-646.717	631.309	0.306	-0.165	0.304	0.587	-0.198	0.325	0.543
<i>CELF1</i>	rs7124681	-1165.021	598.526	0.052	-0.144	0.290	0.620	-0.103	0.310	0.741
<i>MAP3K11</i>	rs1783541	-622.829	819.474	0.448	0.012	0.397	0.975	-0.061	0.425	0.886
<i>CENTD2/ARAP1</i>	rs77464186	114.760	877.034	0.896	-0.127	0.422	0.764	-0.198	0.452	0.662
<i>MTNR1B</i>	rs10830963	-74.991	691.194	0.914	-0.360	0.333	0.280	-0.585	0.355	0.100
<i>ETS1</i>	rs67232546	-887.272	744.130	0.234	0.226	0.358	0.527	0.377	0.380	0.321
<i>CDKN1B</i>	rs2066827	-1474.985	955.986	0.123	0.172	0.460	0.709	0.387	0.492	0.432
<i>ITPR2</i>	rs718314	813.173	711.687	0.254	0.075	0.342	0.826	0.245	0.366	0.503
<i>KLHDC5</i>	rs10842994	440.324	752.415	0.559	-0.181	0.361	0.617	-0.148	0.387	0.703
<i>HMGA2</i>	rs2258238	-85.196	975.032	0.930	0.495	0.467	0.290	0.632	0.499	0.206
<i>TSPAN8/LGR5</i>	rs1796330	1024.380	629.476	0.104	-0.025	0.304	0.935	-0.053	0.325	0.871
<i>USP44</i>	rs2197973	-597.132	605.503	0.324	-0.032	0.293	0.913	-0.241	0.313	0.441

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	963.310	1239.530	0.437	-0.475	0.602	0.430	-0.539	0.645	0.404
<i>WSCD2</i>	rs1426371	1452.208	771.509	0.060	-0.138	0.372	0.711	-0.174	0.398	0.663
<i>KSR2</i>	rs34965774	-925.819	894.093	0.301	0.386	0.430	0.369	0.262	0.460	0.569
<i>HNF1A</i>	rs56348580	-539.515	673.759	0.424	-0.182	0.325	0.577	-0.156	0.349	0.654
<i>MPHOSPH9</i>	rs4148856	285.282	701.026	0.684	-0.202	0.338	0.551	-0.451	0.361	0.213
<i>ZNF664</i>	rs7978610	-336.542	632.269	0.595	0.180	0.305	0.556	0.273	0.327	0.403
<i>FBRSL1</i>	rs12811407	-380.196	672.667	0.572	-0.082	0.323	0.800	-0.079	0.346	0.820
<i>RNF6</i>	rs34584161	617.900	698.242	0.377	0.040	0.337	0.906	0.212	0.361	0.558
<i>HMGB1</i>	rs11842871	527.883	760.561	0.488	-0.647	0.367	0.079	-0.539	0.394	0.172
<i>KL</i>	rs576674	498.223	767.056	0.516	-0.115	0.372	0.757	-0.006	0.398	0.989
<i>DLEU1</i>	rs963740	-45.985	684.129	0.946	-0.545	0.327	0.097	-0.471	0.351	0.180
<i>PCDH17</i>	rs9537803	984.791	691.856	0.155	-0.224	0.334	0.504	-0.190	0.358	0.596
<i>SRGAP2D</i>	rs9563615	-277.441	699.660	0.692	-0.276	0.337	0.413	-0.399	0.361	0.270
<i>SPRY2</i>	rs1359790	-1112.781	682.619	0.104	0.436	0.328	0.184	0.405	0.351	0.250
<i>IRS2</i>	rs7987740	551.634	643.516	0.392	0.225	0.311	0.468	0.069	0.333	0.835
<i>SLC7A7</i>	rs17122772	-1973.297	785.230	0.012	0.451	0.381	0.237	0.633	0.407	0.121
<i>AKAP6</i>	rs17522122	-224.146	612.453	0.715	-0.098	0.297	0.741	-0.170	0.318	0.594
<i>CLEC14A</i>	rs8017808	233.639	682.489	0.732	-0.011	0.327	0.973	0.034	0.351	0.923
<i>NRXN3</i>	rs17836088	338.867	759.498	0.656	0.190	0.365	0.602	0.171	0.391	0.662
<i>SMEK1</i>	rs8010382	384.220	652.615	0.556	-0.469	0.315	0.137	-0.531	0.337	0.116
<i>MARK3</i>	rs62007683	659.472	638.846	0.302	-0.220	0.307	0.474	-0.149	0.328	0.650
<i>RASGRP1</i>	rs34715063	-165.339	957.419	0.863	0.230	0.461	0.618	0.366	0.494	0.458
<i>LTK</i>	rs11070332	-38.421	620.191	0.951	0.215	0.300	0.474	0.454	0.319	0.156
<i>ONECUT1</i>	rs2456530	-383.626	956.990	0.689	-0.213	0.463	0.646	-0.255	0.495	0.607
<i>C2CD4A/B</i>	rs8037894	329.534	611.640	0.590	0.001	0.297	0.996	-0.037	0.317	0.907
<i>USP3</i>	rs7178762	990.935	618.623	0.110	-0.148	0.297	0.619	-0.039	0.319	0.904
<i>MAP2K5</i>	rs4776970	159.795	630.142	0.800	0.214	0.304	0.482	0.245	0.325	0.452
<i>PTPN9</i>	rs13737	-1063.210	695.182	0.127	0.172	0.336	0.609	0.078	0.360	0.828
<i>HMG20A</i>	rs1005752	-705.054	670.944	0.294	0.103	0.325	0.752	0.064	0.348	0.854
<i>AP3S2</i>	rs4932265	443.099	706.648	0.531	-0.106	0.341	0.756	-0.020	0.365	0.956

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	-211.488	627.437	0.736	0.256	0.305	0.400	0.144	0.326	0.658
<i>ITFG3</i>	rs6600191	-923.562	794.900	0.246	-0.681	0.381	0.075	-0.703	0.409	0.086
<i>CLUAP1</i>	rs3751837	-247.003	784.267	0.753	-0.277	0.379	0.465	-0.390	0.406	0.337
<i>ATP2A1</i>	rs8046545	-1337.309	658.045	0.043	0.285	0.317	0.370	0.142	0.339	0.676
<i>FAM57B</i>	rs11642430	-13.631	645.970	0.983	-0.283	0.310	0.361	-0.340	0.332	0.306
<i>FTO</i>	rs1421085	65.750	609.230	0.914	-0.366	0.292	0.210	-0.538	0.312	0.085
<i>NFAT5</i>	rs862320	-505.034	619.999	0.416	0.637	0.300	0.034	0.535	0.321	0.097
<i>BCAR1</i>	rs72802342	-417.586	1204.495	0.729	1.014	0.574	0.078	0.766	0.616	0.214
<i>CMIP</i>	rs2925979	405.988	666.520	0.543	-0.292	0.320	0.362	-0.158	0.343	0.645
<i>SPG7</i>	rs12920022	-426.304	902.481	0.637	-0.780	0.436	0.074	-0.793	0.467	0.090
<i>ZZEF1</i>	rs1377807	-46.858	664.192	0.944	0.212	0.319	0.506	0.175	0.342	0.610
<i>ATP1B2</i>	rs1641523	1016.352	640.076	0.113	-0.253	0.308	0.411	-0.319	0.330	0.335
<i>GLP2R</i>	rs7222481	524.441	674.736	0.437	-0.545	0.324	0.093	-0.702	0.347	0.043
<i>RAI1</i>	rs4925109	-673.802	620.799	0.278	-0.198	0.300	0.509	0.037	0.320	0.908
<i>NF1</i>	rs71372253	-306.867	1169.555	0.793	-1.125	0.562	0.046	-1.179	0.603	0.051
<i>HNF1B</i>	rs10908278	-104.170	617.274	0.866	0.764	0.294	0.010	0.743	0.315	0.019
<i>MLX</i>	rs34855406	-121.748	700.605	0.862	-0.019	0.337	0.954	0.164	0.360	0.649
<i>TTL6</i>	rs35895680	356.218	664.817	0.592	0.510	0.320	0.111	0.335	0.343	0.329
<i>ACE</i>	rs60276348	-353.667	784.768	0.652	-0.414	0.377	0.272	-0.479	0.403	0.235
<i>BPTF</i>	rs61676547	-1079.739	732.289	0.141	0.609	0.351	0.084	0.764	0.376	0.042
<i>LAMA1</i>	rs7240767	-1001.922	613.873	0.103	0.132	0.297	0.655	0.076	0.318	0.810
<i>COMMD9</i>	rs62080313	-1132.798	909.358	0.213	0.127	0.443	0.775	0.037	0.475	0.938
<i>TCF4</i>	rs72926932	-329.036	1156.463	0.776	0.736	0.557	0.187	0.986	0.596	0.099
<i>WDR7</i>	rs17684074	924.565	735.043	0.209	-0.071	0.355	0.842	0.077	0.380	0.839
<i>GRP</i>	rs9957145	550.450	874.681	0.529	-0.123	0.421	0.769	-0.287	0.451	0.524
<i>MC4R</i>	rs523288	-297.009	720.067	0.680	0.241	0.346	0.486	-0.158	0.366	0.667
<i>BCL2A</i>	rs12454712	-54.791	738.826	0.941	-0.536	0.354	0.130	-0.346	0.378	0.360
<i>UHRF1</i>	rs7249758	842.974	765.329	0.271	0.197	0.368	0.593	0.404	0.393	0.304
<i>INSR</i>	rs75253922	-480.058	786.840	0.542	0.462	0.378	0.223	0.308	0.405	0.447
<i>MAP2K7</i>	rs4804833	27.787	614.760	0.964	-0.230	0.299	0.443	-0.319	0.320	0.319

Locus	Variant	Fasting Leptin (adj BMI) -V2 (pg/ml)			Matsuda Sensitivity Index (adj BMI)			Matsuda Sensitivity Index		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-85.400	625.009	0.891	0.145	0.302	0.631	0.275	0.323	0.395
<i>TM6SF2</i>	rs8107974	-44.154	1214.137	0.971	1.028	0.581	0.078	0.917	0.624	0.142
<i>PEPD</i>	rs10406327	425.603	603.587	0.481	-0.293	0.290	0.312	-0.367	0.311	0.238
<i>TOMM40/APOE</i>	rs429358	979.000	950.479	0.303	-0.272	0.458	0.553	-0.295	0.491	0.548
<i>GIPR</i>	rs10406431	67.328	622.505	0.914	0.264	0.301	0.381	0.109	0.322	0.735
<i>ZC3H4</i>	rs3810291	293.000	668.661	0.661	0.174	0.323	0.590	0.134	0.346	0.699
<i>NKX2.2</i>	rs13041756	-420.461	1047.975	0.688	-0.022	0.504	0.965	0.150	0.540	0.782
<i>RALY</i>	rs2268078	372.874	658.469	0.571	-0.068	0.319	0.830	-0.145	0.342	0.672
<i>EYA2</i>	rs6063048	-989.244	724.715	0.173	-0.054	0.349	0.877	-0.051	0.374	0.892
<i>CEBPB</i>	rs11699802	-301.588	649.429	0.643	0.009	0.313	0.977	-0.039	0.336	0.908
<i>TSHZ2</i>	rs34454109	678.106	750.789	0.367	0.104	0.363	0.775	-0.010	0.389	0.979
<i>GNAS</i>	rs6070625	62.645	611.061	0.918	0.254	0.295	0.389	0.376	0.315	0.234
<i>TCEA2</i>	rs59944054	1348.072	730.347	0.065	0.148	0.358	0.679	0.292	0.382	0.445
<i>MTMR3/ASCC2</i>	rs6518681	449.870	1183.613	0.704	0.331	0.568	0.560	0.423	0.606	0.486
<i>YWHAH</i>	rs117001013	-1351.538	1317.396	0.305	0.663	0.629	0.293	1.238	0.670	0.065
<i>EP300</i>	rs5758223	-354.850	696.770	0.611	0.616	0.334	0.065	0.584	0.358	0.103
<i>PNPLA3</i>	rs738408	-495.792	692.798	0.475	0.021	0.334	0.949	0.154	0.358	0.666
<i>PIM3</i>	rs1801645	1228.002	801.028	0.126	-0.128	0.388	0.743	-0.190	0.416	0.647

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	-0.008	0.007	0.270	-37.228	109.367	0.734	-0.033	0.116	0.774
<i>FAF1</i>	rs58432198	0.001	0.009	0.936	-197.902	141.997	0.164	0.226	0.148	0.127
<i>PATJ</i>	rs12140153	0.003	0.010	0.777	-56.747	156.825	0.718	0.057	0.169	0.736
<i>PTGFRN</i>	rs1127215	-0.004	0.006	0.528	-2.325	88.868	0.979	-0.006	0.094	0.948
<i>NOTCH2</i>	rs1493694	0.014	0.010	0.155	-228.542	153.589	0.137	0.003	0.162	0.987
<i>SEC16B</i>	rs539515	-0.011	0.008	0.146	-47.518	116.691	0.684	-0.185	0.123	0.133
<i>DSTYK</i>	rs12048743	0.000	0.006	0.982	-67.013	91.997	0.467	0.030	0.096	0.751
<i>SRGAP2</i>	rs9430095	0.004	0.006	0.499	83.525	88.347	0.345	0.053	0.093	0.569
<i>PROX1</i>	rs340874	-0.010	0.006	0.073	-135.096	89.972	0.134	0.054	0.095	0.565
<i>LYPLAL1</i>	rs2820446	-0.007	0.007	0.265	-62.241	100.843	0.537	0.130	0.106	0.220
<i>ABCB10</i>	rs348330	0.005	0.006	0.390	81.420	93.895	0.386	-0.080	0.098	0.414
<i>GNG4</i>	rs291367	0.001	0.006	0.874	-91.246	94.266	0.333	0.004	0.099	0.967
<i>FAM49A</i>	rs11680058	0.004	0.009	0.680	35.756	132.159	0.787	0.060	0.139	0.664
<i>DTNB</i>	rs17802463	0.001	0.006	0.896	115.149	99.243	0.246	-0.061	0.104	0.558
<i>GCKR</i>	rs1260326	-0.012	0.006	0.035	-43.835	87.858	0.618	-0.049	0.093	0.602
<i>THADA</i>	rs80147536	-0.006	0.009	0.504	-51.344	142.486	0.719	0.194	0.148	0.192
<i>BNIP1</i>	rs6545714	-0.003	0.006	0.592	115.471	92.040	0.210	-0.060	0.097	0.534
<i>BCL11A</i>	rs243024	0.000	0.006	0.935	32.306	89.808	0.719	-0.168	0.094	0.073
<i>CEP68</i>	rs2249105	0.010	0.006	0.090	175.556	92.841	0.059	-0.048	0.097	0.623
<i>GLI2</i>	rs11688682	0.006	0.007	0.422	84.865	110.199	0.442	-0.090	0.115	0.432
<i>PABPC1P2</i>	rs35999103	0.002	0.007	0.837	35.357	115.237	0.759	0.011	0.121	0.930
<i>CYTIP</i>	rs13426680	0.015	0.012	0.206	111.459	179.816	0.536	0.517	0.188	0.006
<i>RBMS1</i>	rs3772071	0.005	0.006	0.426	-14.866	97.910	0.879	0.042	0.103	0.684
<i>GRB14/COBLL1</i>	rs10195252	0.008	0.006	0.226	-43.723	95.562	0.647	0.123	0.101	0.223
<i>G6PC2</i>	rs1402837	0.004	0.007	0.518	-69.260	101.665	0.496	-0.006	0.108	0.956
<i>CRYBA2</i>	rs113414093	0.021	0.022	0.359	578.227	351.737	0.101	0.302	0.372	0.417
<i>IRS1</i>	rs2972144	-0.002	0.006	0.796	148.077	96.166	0.124	0.095	0.101	0.351
<i>PPARG</i>	rs11709077	-0.011	0.009	0.220	13.520	143.817	0.925	0.178	0.152	0.242

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-0.002	0.007	0.788	-57.870	107.589	0.591	0.005	0.114	0.963
<i>KIF9</i>	rs11926707	0.001	0.006	0.811	-80.509	93.650	0.390	-0.108	0.099	0.273
<i>RBM6</i>	rs4688760	0.008	0.006	0.205	-17.323	99.468	0.862	0.118	0.104	0.258
<i>RFT1</i>	rs2581787	0.007	0.006	0.210	-1.277	89.603	0.989	0.070	0.095	0.457
<i>PSMD6</i>	rs3774723	-0.003	0.008	0.718	-21.718	123.132	0.860	0.141	0.130	0.278
<i>ADAMTS9</i>	rs9860730	0.005	0.006	0.373	-118.354	93.545	0.206	0.026	0.098	0.791
<i>SHQ1</i>	rs13085136	0.003	0.015	0.841	-57.511	227.476	0.800	-0.011	0.241	0.962
<i>ROBO2</i>	rs2272163	0.002	0.006	0.670	-103.731	91.149	0.256	0.019	0.095	0.842
<i>ADCY5</i>	rs11708067	-0.001	0.007	0.919	83.791	109.077	0.443	-0.038	0.115	0.740
<i>SLC12A8</i>	rs649961	-0.002	0.006	0.703	171.987	89.222	0.054	-0.105	0.094	0.263
<i>TMCC1</i>	rs9828772	-0.009	0.010	0.372	-26.892	163.570	0.869	-0.050	0.171	0.770
<i>TSC22D2</i>	rs62271373	-0.004	0.010	0.679	-310.260	160.835	0.054	-0.060	0.168	0.720
<i>MBNL1</i>	rs13065698	-0.001	0.006	0.844	82.361	92.811	0.375	0.113	0.097	0.246
<i>EGFEM1P</i>	rs7629630	-0.022	0.008	0.006	38.242	126.341	0.762	-0.028	0.133	0.835
<i>SLC2A2</i>	rs9873618	0.003	0.006	0.609	-23.261	98.985	0.814	0.119	0.104	0.254
<i>ABCC5</i>	rs2872246	0.002	0.006	0.773	22.197	86.537	0.798	-0.033	0.091	0.717
<i>IGF2BP2</i>	rs6780171	0.000	0.006	0.947	-195.320	97.290	0.045	0.089	0.102	0.385
<i>ST6GAL1</i>	rs3887925	0.001	0.006	0.845	-145.894	89.552	0.104	0.014	0.094	0.883
<i>LPP</i>	rs4686471	-0.002	0.006	0.785	58.783	92.902	0.527	0.064	0.098	0.513
<i>MAEA</i>	rs56337234	-0.004	0.006	0.494	53.914	99.090	0.587	-0.006	0.104	0.954
<i>HTT</i>	rs362307	-0.006	0.011	0.629	245.632	178.170	0.169	0.051	0.187	0.787
<i>WFS1</i>	rs10937721	-0.003	0.006	0.605	-40.153	90.193	0.656	0.019	0.095	0.844
<i>LCORL</i>	rs12640250	-0.004	0.007	0.576	64.302	104.009	0.537	0.001	0.109	0.993
<i>GNPDA2</i>	rs10938398	0.007	0.006	0.233	105.766	89.464	0.238	0.045	0.094	0.631
<i>USP46</i>	rs2102278	0.004	0.006	0.564	-87.638	97.984	0.371	0.103	0.103	0.317
<i>SCD5</i>	rs12642790	0.010	0.006	0.103	-195.829	94.836	0.039	-0.065	0.100	0.518
<i>FAM13A</i>	rs1903002	-0.002	0.006	0.708	131.649	91.409	0.150	0.071	0.096	0.459
<i>SMARCA1</i>	rs6821438	-0.004	0.006	0.516	6.211	91.853	0.946	0.049	0.096	0.613
<i>SLC9B1</i>	rs1580278	-0.009	0.006	0.135	41.609	91.974	0.651	0.180	0.097	0.063
<i>PABPC4L</i>	rs1296328	-0.005	0.006	0.423	-33.619	94.256	0.721	-0.057	0.099	0.564

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	-0.003	0.006	0.636	-13.092	97.056	0.893	0.088	0.101	0.385
<i>PDGFC</i>	rs28819812	-0.004	0.006	0.522	2.819	95.710	0.977	0.208	0.100	0.039
<i>ACSL1</i>	rs58730668	0.005	0.009	0.547	-81.586	132.182	0.537	-0.248	0.140	0.076
<i>MRPS30</i>	rs6884702	0.006	0.006	0.269	49.847	91.264	0.585	0.139	0.096	0.147
<i>ITGA1</i>	rs3811978	-0.001	0.008	0.924	-41.647	122.286	0.734	0.015	0.128	0.904
<i>ARL15</i>	rs702634	0.004	0.006	0.510	-108.401	97.896	0.269	-0.061	0.103	0.556
<i>ANKRD55</i>	rs465002	-0.006	0.006	0.374	173.927	98.406	0.078	0.130	0.103	0.209
<i>PIK3R1</i>	rs4976033	0.006	0.006	0.261	229.680	87.157	0.009	0.091	0.092	0.327
<i>POC5</i>	rs2307111	-0.006	0.006	0.315	-23.538	88.175	0.790	0.058	0.093	0.530
<i>ZBED3</i>	rs4457053	0.005	0.006	0.459	-56.277	97.611	0.564	-0.054	0.103	0.603
<i>DMGDH</i>	rs1316776	-0.005	0.006	0.457	-5.310	95.379	0.956	0.038	0.100	0.702
<i>RASA1</i>	rs7719891	0.000	0.006	0.961	-121.252	95.488	0.205	0.124	0.101	0.218
<i>PCSK1</i>	rs13179048	0.000	0.006	0.945	-7.785	95.138	0.935	0.110	0.100	0.274
<i>PHF15</i>	rs329122	0.002	0.006	0.711	19.537	93.764	0.835	0.016	0.099	0.869
<i>EBF1</i>	rs3934712	0.018	0.007	0.011	-58.850	107.992	0.586	0.121	0.113	0.287
<i>RREB1</i>	rs9379084	-0.002	0.009	0.817	-21.744	145.117	0.881	-0.002	0.154	0.988
<i>CDKAL1</i>	rs7756992	0.000	0.006	0.999	29.343	100.012	0.769	0.281	0.105	0.008
<i>MHC</i>	rs601945	-0.008	0.009	0.331	331.909	132.796	0.013	0.027	0.140	0.847
<i>LRFN2</i>	rs34298980	0.006	0.006	0.364	66.483	95.858	0.488	0.003	0.100	0.978
<i>VEGFA</i>	rs6458354	-0.002	0.007	0.719	70.688	100.874	0.484	0.098	0.106	0.357
<i>TFAP2B</i>	rs3798519	0.010	0.007	0.186	-26.521	115.759	0.819	0.145	0.121	0.230
<i>BEND3</i>	rs4946812	-0.001	0.007	0.827	-296.174	100.783	0.003	0.060	0.107	0.571
<i>CENPW</i>	rs11759026	-0.011	0.007	0.120	107.216	109.734	0.329	-0.167	0.115	0.147
<i>SOGA3</i>	rs2800733	0.009	0.007	0.154	-37.083	101.123	0.714	0.040	0.106	0.710
<i>SLC35D3</i>	rs9494624	0.004	0.007	0.543	-66.543	102.028	0.515	0.087	0.107	0.419
<i>MIR3668</i>	rs2982521	0.001	0.006	0.849	32.320	93.134	0.729	-0.095	0.098	0.331
<i>SLC22A3</i>	rs474513	0.002	0.006	0.726	12.712	90.355	0.888	0.000	0.095	0.997
<i>QKI</i>	rs4709746	0.000	0.008	0.978	154.742	130.248	0.235	0.066	0.137	0.629
<i>DGKB</i>	rs10228066	0.004	0.006	0.445	-75.213	90.551	0.407	0.144	0.095	0.128
<i>IGF2BP3</i>	rs4279506	0.001	0.006	0.798	53.293	90.507	0.556	0.071	0.095	0.459

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>JAZF1</i>	rs1708302	0.002	0.006	0.787	-19.144	88.084	0.828	0.011	0.093	0.907
<i>CRHR2</i>	rs917195	0.008	0.007	0.264	53.121	105.095	0.613	0.361	0.110	0.001
<i>GCK</i>	rs878521	0.009	0.007	0.189	-76.008	102.510	0.459	0.073	0.108	0.497
<i>FBXL13</i>	rs11496066	-0.002	0.008	0.807	-100.937	117.791	0.392	0.140	0.124	0.261
<i>RELN</i>	rs39328	-0.005	0.006	0.392	69.936	91.843	0.447	-0.081	0.097	0.404
<i>CTTNBP2</i>	rs6976111	-0.005	0.006	0.413	-145.032	98.151	0.140	0.092	0.103	0.373
<i>KLF14</i>	rs1562396	-0.001	0.006	0.875	124.164	98.827	0.210	-0.066	0.104	0.523
<i>AOC1</i>	rs62492368	0.006	0.006	0.312	181.923	96.251	0.059	0.056	0.102	0.583
<i>MNX1</i>	rs6459733	0.004	0.006	0.468	140.615	89.832	0.118	0.004	0.095	0.969
<i>PPP1R3B</i>	rs4841132	-0.016	0.011	0.149	354.452	170.697	0.038	-0.214	0.181	0.239
<i>MSRA</i>	rs17689007	-0.002	0.006	0.684	-35.815	86.181	0.678	-0.211	0.090	0.020
<i>XKR6</i>	rs57327348	-0.004	0.008	0.630	-167.085	122.981	0.175	-0.084	0.128	0.513
<i>LPL</i>	rs10096633	0.010	0.009	0.234	61.030	131.631	0.643	0.221	0.139	0.112
<i>PURG</i>	rs10954772	0.007	0.006	0.259	91.498	96.055	0.341	0.166	0.101	0.101
<i>ANK1</i>	rs13262861	-0.014	0.007	0.045	-27.226	111.411	0.807	-0.073	0.117	0.535
<i>TP53INP1</i>	rs10097617	0.001	0.006	0.928	-45.958	90.196	0.611	-0.071	0.095	0.457
<i>TRHR</i>	rs12680028	0.012	0.006	0.039	-15.423	89.339	0.863	0.142	0.095	0.136
<i>SLC30A8</i>	rs3802177	-0.005	0.006	0.472	-54.741	99.828	0.584	0.132	0.104	0.202
<i>CASC11</i>	rs17772814	-0.004	0.011	0.703	83.093	166.646	0.618	-0.235	0.176	0.184
<i>PVT1</i>	rs1561927	-0.002	0.006	0.814	20.555	98.313	0.834	0.008	0.104	0.939
<i>BOP1</i>	rs4977213	0.000	0.006	0.965	-107.785	89.123	0.227	-0.215	0.094	0.022
<i>GLIS3</i>	rs10974438	0.009	0.006	0.130	-104.036	93.692	0.267	0.007	0.099	0.945
<i>HAUS6</i>	rs7022807	0.002	0.006	0.713	-29.586	91.684	0.747	0.133	0.096	0.169
<i>FOCAD</i>	rs7867635	0.004	0.006	0.492	105.742	91.800	0.250	0.115	0.096	0.235
<i>CDKN2A/B</i>	rs10811660	-0.010	0.008	0.208	-406.986	121.764	0.001	0.001	0.127	0.996
<i>LINGO2</i>	rs1412234	-0.004	0.006	0.571	11.757	96.497	0.903	-0.069	0.101	0.496
<i>UBAP2</i>	rs12001437	-0.003	0.006	0.632	72.889	89.817	0.417	0.020	0.094	0.830
<i>MTND2P8</i>	rs11137820	0.006	0.006	0.329	-95.827	88.564	0.280	-0.139	0.093	0.137
<i>TLE4</i>	rs17791513	0.005	0.012	0.704	-2.041	192.994	0.992	0.037	0.202	0.855
<i>TLE1</i>	rs2796441	0.006	0.006	0.314	142.168	87.159	0.103	0.149	0.092	0.103

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	0.004	0.006	0.562	178.973	99.656	0.073	0.037	0.105	0.722
<i>ABO</i>	rs505922	0.006	0.006	0.303	-25.821	92.060	0.779	0.009	0.097	0.926
<i>GPSM1</i>	rs28505901	-0.001	0.007	0.894	101.741	113.987	0.372	0.101	0.120	0.401
<i>CDC123/CAMK1D</i>	rs11257655	0.001	0.007	0.945	77.856	112.409	0.489	0.028	0.118	0.810
<i>HKDC1</i>	rs4746822	0.007	0.006	0.219	113.668	92.365	0.219	0.103	0.097	0.289
<i>NEUROG3</i>	rs2642588	0.002	0.006	0.780	81.662	97.051	0.400	-0.032	0.103	0.756
<i>ZMIZ1</i>	rs703972	0.000	0.006	0.944	-39.800	93.331	0.670	0.104	0.098	0.290
<i>PTEN</i>	rs11202627	-0.011	0.008	0.157	-33.981	125.187	0.786	0.018	0.132	0.893
<i>HHEX/IDE</i>	rs10882101	-0.004	0.006	0.515	107.052	89.582	0.233	0.085	0.095	0.369
<i>TCF7L2</i>	rs7903146	-0.002	0.006	0.746	-45.928	93.487	0.623	0.119	0.098	0.227
<i>WDR11</i>	rs72631105	-0.001	0.008	0.875	-110.699	118.915	0.352	-0.105	0.125	0.400
<i>PLEKHA1</i>	rs2280141	0.012	0.006	0.043	123.928	90.170	0.170	0.197	0.095	0.038
<i>INS/IGF2</i>	rs4929965	-0.003	0.006	0.641	87.886	91.467	0.337	-0.061	0.096	0.527
<i>KCNQ1</i>	rs2237895	0.008	0.006	0.157	-66.443	86.675	0.444	0.176	0.091	0.053
<i>KCNJ11</i>	rs5213	0.001	0.006	0.824	301.353	96.762	0.002	0.111	0.102	0.279
<i>METTL15</i>	rs4923543	-0.004	0.006	0.505	17.122	98.913	0.863	-0.064	0.103	0.532
<i>PDHX</i>	rs2767036	-0.002	0.006	0.731	80.893	97.723	0.408	0.094	0.103	0.361
<i>HSD17B12</i>	rs1061810	0.007	0.006	0.280	-55.481	99.694	0.578	0.007	0.105	0.951
<i>CRY2</i>	rs7115753	0.006	0.006	0.328	-127.986	91.069	0.160	0.140	0.096	0.143
<i>CELF1</i>	rs7124681	0.003	0.006	0.596	70.236	86.947	0.420	0.196	0.091	0.032
<i>MAP3K11</i>	rs1783541	-0.005	0.008	0.493	-198.069	120.237	0.100	0.003	0.125	0.979
<i>CENTD2/ARAP1</i>	rs77464186	0.012	0.008	0.137	87.686	127.217	0.491	-0.007	0.135	0.960
<i>MTNR1B</i>	rs10830963	0.002	0.006	0.752	-81.552	100.236	0.416	0.307	0.104	0.003
<i>ETS1</i>	rs67232546	0.011	0.007	0.108	-108.694	107.004	0.310	0.119	0.113	0.292
<i>CDKN1B</i>	rs2066827	0.005	0.009	0.554	46.835	138.548	0.735	0.109	0.146	0.454
<i>ITPR2</i>	rs718314	-0.004	0.007	0.588	106.329	102.950	0.302	-0.078	0.108	0.475
<i>KLHDC5</i>	rs10842994	0.010	0.007	0.170	-180.254	108.787	0.098	0.145	0.115	0.208
<i>HMGA2</i>	rs2258238	0.004	0.009	0.624	-68.178	140.729	0.628	0.113	0.148	0.448
<i>TSPAN8/LGR5</i>	rs1796330	0.003	0.006	0.665	117.681	91.258	0.198	-0.029	0.096	0.766
<i>USP44</i>	rs2197973	-0.002	0.006	0.705	40.680	87.533	0.642	-0.058	0.092	0.533

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	-0.002	0.012	0.880	-212.855	181.686	0.242	0.210	0.190	0.270
<i>WSCD2</i>	rs1426371	0.002	0.007	0.749	-119.829	111.956	0.285	-0.149	0.118	0.208
<i>KSR2</i>	rs34965774	-0.005	0.008	0.579	-297.442	129.072	0.022	0.129	0.136	0.341
<i>HNF1A</i>	rs56348580	0.004	0.006	0.488	47.397	98.292	0.630	0.176	0.103	0.087
<i>MPHOSPH9</i>	rs4148856	0.003	0.007	0.690	74.622	101.732	0.464	0.154	0.107	0.149
<i>ZNF664</i>	rs7978610	0.015	0.006	0.011	-238.741	91.472	0.009	0.132	0.097	0.173
<i>FBRSL1</i>	rs12811407	-0.007	0.006	0.252	69.470	97.428	0.476	0.006	0.102	0.952
<i>RNF6</i>	rs34584161	-0.008	0.007	0.206	258.394	100.406	0.010	0.103	0.107	0.334
<i>HMGB1</i>	rs11842871	0.016	0.007	0.025	-68.234	111.517	0.541	0.093	0.116	0.421
<i>KL</i>	rs576674	0.002	0.007	0.775	-153.079	111.785	0.171	-0.125	0.117	0.288
<i>DLEU1</i>	rs963740	0.002	0.006	0.793	-96.946	98.917	0.327	0.082	0.104	0.431
<i>PCDH17</i>	rs9537803	-0.006	0.006	0.344	102.592	100.329	0.307	-0.033	0.106	0.756
<i>SRGAP2D</i>	rs9563615	0.010	0.007	0.140	61.064	101.651	0.548	-0.028	0.107	0.791
<i>SPRY2</i>	rs1359790	0.007	0.006	0.273	14.392	99.081	0.885	-0.021	0.104	0.843
<i>IRS2</i>	rs7987740	-0.004	0.006	0.488	93.607	93.727	0.318	0.000	0.098	1.000
<i>SLC7A7</i>	rs17122772	-0.009	0.007	0.247	-7.578	114.416	0.947	-0.113	0.121	0.349
<i>AKAP6</i>	rs17522122	-0.003	0.006	0.643	-33.279	89.888	0.711	0.061	0.094	0.512
<i>CLEC14A</i>	rs8017808	0.003	0.006	0.653	136.188	99.041	0.170	0.022	0.104	0.835
<i>NRXN3</i>	rs17836088	-0.010	0.007	0.158	11.084	110.065	0.920	0.081	0.116	0.485
<i>SMEK1</i>	rs8010382	0.003	0.006	0.630	9.367	94.996	0.921	0.011	0.100	0.912
<i>MARK3</i>	rs62007683	-0.012	0.006	0.044	-4.392	92.400	0.962	-0.028	0.097	0.774
<i>RASGRP1</i>	rs34715063	0.001	0.009	0.932	-222.229	138.491	0.109	-0.105	0.147	0.476
<i>LTK</i>	rs11070332	-0.008	0.006	0.148	26.929	89.812	0.764	0.074	0.094	0.434
<i>ONECUT1</i>	rs2456530	0.026	0.009	0.003	16.050	139.174	0.908	-0.100	0.146	0.495
<i>C2CD4A/B</i>	rs8037894	0.011	0.006	0.054	-36.102	86.210	0.676	0.222	0.094	0.018
<i>USP3</i>	rs7178762	0.006	0.006	0.287	-4.909	89.863	0.956	0.041	0.095	0.662
<i>MAP2K5</i>	rs4776970	0.001	0.006	0.887	92.227	91.303	0.313	-0.004	0.096	0.967
<i>PTPN9</i>	rs13737	0.006	0.007	0.339	-112.002	100.728	0.267	-0.020	0.107	0.850
<i>HMG20A</i>	rs1005752	0.000	0.006	0.975	132.055	97.492	0.176	0.156	0.103	0.128
<i>AP3S2</i>	rs4932265	0.010	0.007	0.141	-27.566	102.790	0.789	0.130	0.108	0.229

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	0.005	0.006	0.406	-15.206	91.026	0.867	-0.093	0.096	0.330
<i>ITFG3</i>	rs6600191	0.000	0.007	0.957	1.390	115.282	0.990	-0.002	0.122	0.987
<i>CLUAP1</i>	rs3751837	-0.006	0.007	0.431	-19.724	113.636	0.862	-0.154	0.120	0.198
<i>ATP2A1</i>	rs8046545	0.011	0.006	0.080	94.056	95.724	0.326	0.163	0.100	0.103
<i>FAM57B</i>	rs11642430	-0.004	0.006	0.557	9.829	93.464	0.916	0.184	0.099	0.063
<i>FTO</i>	rs1421085	0.004	0.006	0.523	38.081	88.011	0.665	0.111	0.092	0.231
<i>NFAT5</i>	rs862320	-0.001	0.006	0.810	-136.151	90.212	0.132	-0.185	0.095	0.051
<i>BCAR1</i>	rs72802342	-0.016	0.011	0.155	71.453	173.716	0.681	-0.120	0.183	0.514
<i>CMIP</i>	rs2925979	-0.009	0.006	0.132	60.402	97.084	0.534	-0.013	0.102	0.896
<i>SPG7</i>	rs12920022	0.009	0.008	0.278	68.973	131.904	0.601	0.198	0.137	0.148
<i>ZZEF1</i>	rs1377807	0.006	0.006	0.322	22.858	96.272	0.812	0.020	0.101	0.841
<i>ATP1B2</i>	rs1641523	-0.005	0.006	0.404	116.601	92.707	0.209	0.144	0.098	0.142
<i>GLP2R</i>	rs7222481	-0.006	0.006	0.361	214.207	97.102	0.028	0.240	0.103	0.020
<i>RAI1</i>	rs4925109	-0.008	0.006	0.150	56.669	90.155	0.530	-0.008	0.094	0.934
<i>NF1</i>	rs71372253	0.007	0.011	0.511	227.379	170.814	0.184	-0.020	0.176	0.909
<i>HNF1B</i>	rs10908278	-0.005	0.006	0.388	-29.680	89.112	0.739	-0.092	0.094	0.331
<i>MLX</i>	rs34855406	-0.015	0.007	0.020	-64.756	101.281	0.523	-0.269	0.106	0.012
<i>TTL6</i>	rs35895680	-0.006	0.006	0.322	-34.356	96.144	0.721	-0.185	0.101	0.068
<i>ACE</i>	rs60276348	0.018	0.007	0.017	148.774	113.487	0.190	0.221	0.120	0.066
<i>BPTF</i>	rs61676547	-0.006	0.007	0.374	-69.538	106.148	0.513	-0.161	0.112	0.152
<i>LAMA1</i>	rs7240767	0.002	0.006	0.702	83.811	89.849	0.351	0.011	0.094	0.906
<i>COMMD9</i>	rs62080313	-0.005	0.009	0.531	80.300	133.445	0.548	-0.179	0.139	0.197
<i>TCF4</i>	rs72926932	0.004	0.011	0.707	-32.152	167.515	0.848	0.015	0.175	0.929
<i>WDR7</i>	rs17684074	-0.006	0.007	0.391	84.030	107.002	0.433	0.074	0.112	0.509
<i>GRP</i>	rs9957145	0.018	0.008	0.029	177.786	126.710	0.161	0.135	0.133	0.313
<i>MC4R</i>	rs523288	0.010	0.007	0.114	-66.008	103.117	0.522	0.111	0.108	0.306
<i>BCL2A</i>	rs12454712	-0.003	0.007	0.619	-132.447	106.184	0.213	-0.024	0.112	0.827
<i>UHRF1</i>	rs7249758	0.008	0.007	0.289	-41.374	110.777	0.709	-0.036	0.117	0.758
<i>INSR</i>	rs75253922	0.009	0.007	0.224	22.916	114.121	0.841	-0.086	0.120	0.474
<i>MAP2K7</i>	rs4804833	0.006	0.006	0.318	91.202	89.911	0.311	0.061	0.095	0.518

Locus	Variant	NEFA - V2 (nmol/l)			1-hour C-Peptide (pg/ml)			1-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-0.003	0.006	0.646	55.704	90.843	0.540	-0.021	0.096	0.829
<i>TM6SF2</i>	rs8107974	-0.005	0.011	0.649	-37.615	176.064	0.831	0.073	0.185	0.692
<i>PEPD</i>	rs10406327	-0.001	0.006	0.892	64.605	87.554	0.461	0.046	0.092	0.618
<i>TOMM40/APOE</i>	rs429358	-0.005	0.009	0.545	179.288	137.817	0.194	0.157	0.145	0.279
<i>GIPR</i>	rs10406431	-0.012	0.006	0.045	20.815	89.948	0.817	-0.030	0.095	0.753
<i>ZC3H4</i>	rs3810291	-0.006	0.006	0.315	46.792	97.101	0.630	0.116	0.102	0.258
<i>NKX2.2</i>	rs13041756	0.009	0.010	0.361	-197.897	151.972	0.193	0.065	0.160	0.685
<i>RALY</i>	rs2268078	0.001	0.006	0.880	26.703	95.571	0.780	0.057	0.100	0.569
<i>EYA2</i>	rs6063048	0.011	0.007	0.094	-245.488	104.639	0.019	0.122	0.110	0.271
<i>CEBPB</i>	rs11699802	0.000	0.006	1.000	-72.806	94.482	0.441	-0.015	0.099	0.878
<i>TSHZ2</i>	rs34454109	0.001	0.007	0.847	-35.040	108.804	0.748	-0.085	0.114	0.453
<i>GNAS</i>	rs6070625	0.002	0.006	0.694	-32.445	88.777	0.715	-0.157	0.093	0.092
<i>TCEA2</i>	rs59944054	-0.007	0.007	0.323	-11.609	107.080	0.914	0.032	0.112	0.779
<i>MTMR3/ASCC2</i>	rs6518681	-0.007	0.011	0.533	115.320	170.784	0.500	0.011	0.181	0.951
<i>YWHAH</i>	rs117001013	-0.009	0.012	0.477	-397.844	190.892	0.038	0.075	0.202	0.712
<i>EP300</i>	rs5758223	0.001	0.007	0.917	45.896	101.752	0.652	-0.081	0.107	0.449
<i>PNPLA3</i>	rs738408	-0.005	0.006	0.416	-234.469	100.248	0.020	-0.043	0.106	0.685
<i>PIM3</i>	rs1801645	-0.012	0.008	0.123	116.192	116.439	0.319	-0.097	0.123	0.429

Locus	Variant	1- hour Insulin (pg/ml)			Oral Disposition Index			Stumvoll 1st Phase Estimate		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	45.089	82.127	0.583	31.919	290.649	0.913	69.076	33.032	0.037
<i>FAF1</i>	rs58432198	40.577	107.040	0.705	-729.899	377.721	0.054	21.070	43.256	0.626
<i>PATJ</i>	rs12140153	-64.251	119.811	0.592	-16.496	424.566	0.969	-21.567	48.313	0.655
<i>PTGFRN</i>	rs1127215	-30.670	66.741	0.646	-4.208	237.940	0.986	-47.564	26.976	0.078
<i>NOTCH2</i>	rs1493694	-46.067	115.824	0.691	74.656	409.179	0.855	-2.724	46.718	0.954
<i>SEC16B</i>	rs539515	-74.714	87.649	0.394	249.677	313.036	0.425	-45.012	35.657	0.207
<i>DSTYK</i>	rs12048743	-45.306	69.032	0.512	-339.988	244.230	0.164	25.682	27.888	0.358
<i>SRGAP2</i>	rs9430095	33.513	66.483	0.614	-58.794	235.809	0.803	-5.138	26.896	0.849
<i>PROX1</i>	rs340874	-39.946	67.623	0.555	-176.471	240.663	0.464	-16.633	27.358	0.543
<i>LYPLAL1</i>	rs2820446	71.347	75.691	0.346	-547.627	267.313	0.041	55.233	30.516	0.071
<i>ABCB10</i>	rs348330	9.858	70.423	0.889	185.749	249.581	0.457	-10.614	28.508	0.710
<i>GNG4</i>	rs291367	13.781	70.741	0.846	222.609	251.090	0.376	23.352	28.535	0.413
<i>FAM49A</i>	rs11680058	52.631	99.256	0.596	8.231	352.725	0.981	6.020	40.121	0.881
<i>DTNB</i>	rs17802463	54.298	74.643	0.467	161.986	264.313	0.540	38.089	30.117	0.207
<i>GCKR</i>	rs1260326	87.167	65.994	0.187	7.688	234.490	0.974	48.921	26.614	0.067
<i>THADA</i>	rs80147536	50.241	107.242	0.640	-138.228	378.861	0.715	-7.615	43.259	0.860
<i>BNIP1</i>	rs6545714	103.575	69.011	0.134	25.077	245.291	0.919	41.831	27.853	0.134
<i>BCL11A</i>	rs243024	-76.742	67.183	0.254	134.084	238.789	0.575	-9.303	27.245	0.733
<i>CEP68</i>	rs2249105	142.818	69.352	0.040	183.253	248.690	0.462	39.496	28.205	0.162
<i>GLI2</i>	rs11688682	161.013	82.271	0.051	-203.192	292.098	0.487	98.592	33.057	0.003
<i>PABPC1P2</i>	rs35999103	98.210	85.861	0.253	66.407	304.719	0.828	42.182	34.698	0.225
<i>CYTIP</i>	rs13426680	114.686	135.348	0.397	-690.583	479.886	0.151	-4.480	54.610	0.935
<i>RBMS1</i>	rs3772071	-21.747	73.589	0.768	-143.923	260.226	0.580	2.098	29.706	0.944
<i>GRB14/COBLL1</i>	rs10195252	75.577	71.909	0.294	-248.095	254.827	0.331	-6.429	29.054	0.825
<i>G6PC2</i>	rs1402837	-126.946	76.274	0.097	191.987	270.555	0.478	-24.962	30.852	0.419
<i>CRYBA2</i>	rs113414093	531.668	264.626	0.045	-999.819	936.901	0.286	82.504	107.060	0.441
<i>IRS1</i>	rs2972144	157.460	72.249	0.030	-224.656	256.536	0.382	27.571	29.234	0.346
<i>PPARG</i>	rs11709077	24.307	107.958	0.822	-481.026	381.866	0.208	0.244	43.659	0.996

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<i>UBE2E2</i>	rs35352848	-12.973	80.885	0.873	-43.721	286.183	0.879	-23.939	32.632	0.464
<i>KIF9</i>	rs11926707	-55.437	70.353	0.431	-16.119	249.567	0.949	11.163	27.364	0.683
<i>RBM6</i>	rs4688760	-18.137	74.731	0.808	-248.414	264.469	0.348	-8.651	30.177	0.774
<i>RFT1</i>	rs2581787	-54.437	67.361	0.419	-126.940	238.632	0.595	-11.981	27.224	0.660
<i>PSMD6</i>	rs3774723	21.901	92.514	0.813	-373.551	327.527	0.255	-43.288	37.284	0.246
<i>ADAMTS9</i>	rs9860730	-36.223	70.126	0.606	-189.654	249.127	0.447	-34.710	28.382	0.222
<i>SHQ1</i>	rs13085136	-17.524	171.283	0.919	-1761.456	605.490	0.004	114.629	68.885	0.097
<i>ROBO2</i>	rs2272163	-80.342	68.385	0.241	54.929	243.867	0.822	-24.511	27.760	0.378
<i>ADCY5</i>	rs11708067	-10.296	82.052	0.900	-452.626	289.938	0.119	27.275	33.101	0.410
<i>SLC12A8</i>	rs649961	15.468	66.995	0.817	68.455	237.575	0.773	26.185	27.080	0.334
<i>TMCC1</i>	rs9828772	74.913	122.129	0.540	-43.973	434.882	0.919	47.486	49.420	0.337
<i>TSC22D2</i>	rs62271373	45.427	120.998	0.707	-306.593	428.838	0.475	79.585	48.875	0.104
<i>MBNL1</i>	rs13065698	-36.470	69.656	0.601	268.607	246.520	0.276	-19.418	28.078	0.489
<i>EGFEM1P</i>	rs7629630	22.427	94.920	0.813	-51.674	336.517	0.878	17.818	38.345	0.642
<i>SLC2A2</i>	rs9873618	180.300	74.001	0.015	-319.805	263.652	0.226	41.921	29.976	0.163
<i>ABCC5</i>	rs2872246	3.255	64.877	0.960	183.140	230.521	0.427	-32.731	26.201	0.212
<i>IGF2BP2</i>	rs6780171	-75.108	73.324	0.306	-39.634	259.688	0.879	-44.709	29.577	0.131
<i>ST6GAL1</i>	rs3887925	-59.104	67.373	0.381	209.406	238.940	0.381	-30.706	27.184	0.259
<i>LPP</i>	rs4686471	31.344	69.896	0.654	31.092	247.294	0.900	8.204	28.212	0.771
<i>MAEA</i>	rs56337234	-5.586	74.291	0.940	-158.933	263.354	0.546	46.343	29.997	0.123
<i>HTT</i>	rs362307	63.647	133.657	0.634	-206.840	483.983	0.669	3.692	53.903	0.945
<i>WFS1</i>	rs10937721	-17.696	67.861	0.794	-9.878	240.674	0.967	-19.952	27.378	0.466
<i>LCORL</i>	rs12640250	65.393	78.121	0.403	395.736	276.274	0.153	-8.646	31.557	0.784
<i>GNPDA2</i>	rs10938398	-21.273	66.979	0.751	-342.272	238.272	0.151	16.442	27.190	0.546
<i>USP46</i>	rs2102278	-38.076	73.686	0.606	145.936	261.713	0.577	-34.069	29.828	0.254
<i>SCD5</i>	rs12642790	-12.410	71.548	0.862	602.929	252.872	0.017	-9.950	28.897	0.731
<i>FAM13A</i>	rs1903002	89.470	68.245	0.190	-142.442	242.430	0.557	0.786	27.652	0.977
<i>SMARCAD1</i>	rs6821438	-45.332	68.650	0.509	-154.851	244.114	0.526	-20.379	27.772	0.463
<i>SLC9B1</i>	rs1580278	40.167	69.125	0.561	-185.207	244.912	0.450	-2.026	27.931	0.942
<i>PABPC4L</i>	rs1296328	-41.531	70.658	0.557	34.268	249.967	0.891	-61.312	28.437	0.032

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<i>TMEM154</i>	rs7669833	39.122	72.490	0.590	-160.154	257.533	0.534	-21.486	29.375	0.465
<i>PDGFC</i>	rs28819812	45.705	71.537	0.523	-383.816	253.538	0.131	-31.782	28.936	0.273
<i>ACSL1</i>	rs58730668	-83.939	99.452	0.399	260.385	352.140	0.460	10.521	40.137	0.793
<i>MRPS30</i>	rs6884702	-8.227	68.103	0.904	-205.673	242.536	0.397	-31.065	27.606	0.261
<i>ITGA1</i>	rs3811978	54.034	91.148	0.554	-537.134	321.920	0.096	115.526	36.461	0.002
<i>ARL15</i>	rs702634	-19.298	73.937	0.794	256.677	261.551	0.327	-11.776	29.842	0.693
<i>ANKRD55</i>	rs465002	135.476	73.915	0.067	-615.985	261.218	0.019	49.916	29.864	0.095
<i>PIK3R1</i>	rs4976033	87.936	65.872	0.182	-342.889	234.567	0.144	17.544	26.709	0.512
<i>POC5</i>	rs2307111	54.029	66.223	0.415	-83.780	235.192	0.722	17.771	26.794	0.507
<i>ZBED3</i>	rs4457053	-129.497	73.275	0.078	-16.245	260.938	0.950	-36.330	29.619	0.220
<i>DMGDH</i>	rs1316776	-21.550	71.492	0.763	155.748	254.590	0.541	-14.238	28.948	0.623
<i>RASA1</i>	rs7719891	-76.579	71.548	0.285	-449.994	253.816	0.077	-42.859	28.969	0.140
<i>PCSK1</i>	rs13179048	-81.634	71.400	0.253	-138.410	253.032	0.585	-26.682	28.846	0.355
<i>PHF15</i>	rs329122	58.268	70.374	0.408	-51.191	249.998	0.838	46.740	28.402	0.100
<i>EBF1</i>	rs3934712	60.126	81.144	0.459	-70.840	289.071	0.806	18.684	32.770	0.569
<i>RREB1</i>	rs9379084	-80.504	109.150	0.461	32.874	386.773	0.932	-16.842	44.155	0.703
<i>CDKAL1</i>	rs7756992	-33.658	75.134	0.654	-277.403	265.775	0.297	-37.213	30.302	0.220
<i>MHC</i>	rs601945	81.715	100.432	0.416	-133.410	355.072	0.707	3.317	40.536	0.935
<i>LRFN2</i>	rs34298980	-56.881	71.779	0.428	259.811	254.770	0.308	-12.366	29.036	0.670
<i>VEGFA</i>	rs6458354	-11.543	75.869	0.879	-149.425	269.623	0.580	0.930	30.629	0.976
<i>TFAP2B</i>	rs3798519	69.418	86.876	0.425	-273.963	309.850	0.377	18.780	35.341	0.595
<i>BEND3</i>	rs4946812	-19.558	76.031	0.797	173.934	269.122	0.518	-37.811	30.666	0.218
<i>CENPW</i>	rs11759026	27.117	82.068	0.741	87.684	290.659	0.763	45.939	33.087	0.166
<i>SOGA3</i>	rs2800733	-60.121	75.956	0.429	-479.156	268.298	0.075	17.146	30.674	0.576
<i>SLC35D3</i>	rs9494624	-56.250	76.673	0.463	-201.275	271.465	0.459	-47.693	30.907	0.123
<i>MIR3668</i>	rs2982521	42.781	69.980	0.541	224.952	248.424	0.366	16.442	28.330	0.562
<i>SLC22A3</i>	rs474513	-39.166	67.853	0.564	46.671	240.678	0.846	9.244	27.446	0.736
<i>QKI</i>	rs4709746	126.357	97.818	0.197	-247.320	346.702	0.476	30.893	39.565	0.435
<i>DGKB</i>	rs10228066	56.121	68.113	0.410	-135.851	241.890	0.575	-4.235	27.510	0.878
<i>IGF2BP3</i>	rs4279506	124.294	67.799	0.067	-19.277	240.924	0.936	25.227	27.424	0.358

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<i>JAZF1</i>	rs1708302	-43.419	65.979	0.511	169.443	234.393	0.470	-39.426	26.644	0.140
<i>CRHR2</i>	rs917195	97.731	78.915	0.216	-862.835	277.333	0.002	-3.159	31.907	0.921
<i>GCK</i>	rs878521	-29.411	77.066	0.703	-430.850	272.315	0.114	-14.268	31.116	0.647
<i>FBXL13</i>	rs11496066	-67.577	88.454	0.445	194.384	312.958	0.535	-102.225	35.454	0.004
<i>RELN</i>	rs39328	24.330	69.045	0.725	-54.737	245.462	0.824	12.101	27.971	0.665
<i>CTTNBP2</i>	rs6976111	-119.009	73.487	0.106	-99.751	262.786	0.704	-40.374	29.812	0.176
<i>KLF14</i>	rs1562396	40.576	74.235	0.585	-35.574	263.897	0.893	40.622	30.012	0.176
<i>AOC1</i>	rs62492368	81.341	72.492	0.262	216.377	256.946	0.400	12.326	29.307	0.674
<i>MNX1</i>	rs6459733	113.233	67.561	0.094	-59.049	239.802	0.806	35.555	27.293	0.193
<i>PPP1R3B</i>	rs4841132	100.599	128.343	0.433	443.821	465.885	0.341	66.090	51.948	0.204
<i>MSRA</i>	rs17689007	-60.199	64.914	0.354	703.700	228.044	0.002	-0.768	26.222	0.977
<i>XKR6</i>	rs57327348	-18.279	92.496	0.843	-110.951	326.988	0.735	-7.257	37.331	0.846
<i>LPL</i>	rs10096633	1.792	98.890	0.986	-538.957	349.997	0.124	-7.411	39.962	0.853
<i>PURG</i>	rs10954772	223.218	71.352	0.002	-292.751	257.096	0.255	46.584	29.190	0.111
<i>ANK1</i>	rs13262861	10.465	83.782	0.901	315.156	296.581	0.288	15.601	33.844	0.645
<i>TP53INP1</i>	rs10097617	-88.776	67.746	0.191	-25.878	240.268	0.914	-15.430	27.395	0.574
<i>TRHR</i>	rs12680028	1.707	67.299	0.980	-152.871	237.875	0.521	10.904	27.123	0.688
<i>SLC30A8</i>	rs3802177	-134.099	74.499	0.072	107.533	264.446	0.684	-63.237	30.051	0.036
<i>CASC11</i>	rs17772814	-103.260	125.413	0.411	426.475	444.702	0.338	-1.781	50.822	0.972
<i>PVT1</i>	rs1561927	7.961	73.558	0.914	4.700	261.431	0.986	-17.362	29.802	0.560
<i>BOP1</i>	rs4977213	-170.301	66.750	0.011	634.125	236.150	0.007	-41.410	27.037	0.126
<i>GLIS3</i>	rs10974438	-88.244	70.510	0.211	0.387	249.987	0.999	-22.697	28.481	0.426
<i>HAUS6</i>	rs7022807	50.775	68.684	0.460	-41.198	244.926	0.866	-1.470	27.838	0.958
<i>FOCAD</i>	rs7867635	115.475	68.620	0.093	-382.391	243.523	0.117	-7.157	27.871	0.797
<i>CDKN2A/B</i>	rs10811660	-152.523	92.064	0.098	193.248	326.986	0.555	-33.008	37.256	0.376
<i>LINGO2</i>	rs1412234	-57.142	72.240	0.429	196.868	255.863	0.442	-14.445	29.184	0.621
<i>UBAP2</i>	rs12001437	31.683	67.762	0.640	-99.184	239.713	0.679	-5.361	27.322	0.845
<i>MTND2P8</i>	rs11137820	-37.696	66.532	0.571	551.885	234.751	0.019	5.550	26.915	0.837
<i>TLE4</i>	rs17791513	111.968	143.448	0.435	-733.063	515.418	0.156	77.770	58.496	0.184
<i>TLE1</i>	rs2796441	60.631	65.481	0.355	-106.376	231.986	0.647	-11.808	26.445	0.655

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<i>ZNF169</i>	rs55653563	66.005	75.099	0.380	-118.377	266.044	0.657	33.244	30.304	0.273
<i>ABO</i>	rs505922	-147.260	68.767	0.033	106.064	244.931	0.665	-72.954	27.779	0.009
<i>GPSM1</i>	rs28505901	-93.646	85.665	0.275	-249.339	303.511	0.412	-25.296	34.609	0.465
<i>CDC123/CAMK1D</i>	rs11257655	-57.870	83.955	0.491	-143.790	299.084	0.631	-51.016	34.063	0.135
<i>HKDC1</i>	rs4746822	-3.248	69.573	0.963	-303.852	247.305	0.220	-32.679	28.132	0.246
<i>NEUROG3</i>	rs2642588	80.800	73.010	0.269	-177.797	258.308	0.492	50.642	29.402	0.086
<i>ZMIZ1</i>	rs703972	87.316	69.990	0.213	-163.581	248.577	0.511	27.967	28.336	0.324
<i>PTEN</i>	rs11202627	9.113	94.215	0.923	-529.122	332.706	0.112	25.227	37.989	0.507
<i>HHEX/IDE</i>	rs10882101	82.920	67.474	0.220	-224.826	238.906	0.347	26.549	27.250	0.330
<i>TCF7L2</i>	rs7903146	-69.443	70.187	0.323	-407.848	248.346	0.101	-22.147	28.353	0.435
<i>WDR11</i>	rs72631105	-114.734	89.248	0.199	382.139	316.545	0.228	-40.678	36.094	0.260
<i>PLEKHA1</i>	rs2280141	49.463	68.113	0.468	-227.699	241.390	0.346	-30.706	27.480	0.264
<i>INS/IGF2</i>	rs4929965	151.906	68.564	0.027	199.941	243.868	0.413	53.560	27.723	0.054
<i>KCNQ1</i>	rs2237895	-56.363	65.227	0.388	-367.569	229.867	0.110	-46.839	26.315	0.076
<i>KCNJ11</i>	rs5213	-3.733	73.458	0.959	-86.830	261.019	0.740	-53.038	29.592	0.074
<i>METTL15</i>	rs4923543	-21.110	73.779	0.775	175.317	260.996	0.502	32.796	29.752	0.271
<i>PDHX</i>	rs2767036	-40.712	73.525	0.580	28.450	260.410	0.913	-63.592	29.563	0.032
<i>HSD17B12</i>	rs1061810	38.190	75.194	0.612	220.427	266.552	0.409	-21.670	30.373	0.476
<i>CRY2</i>	rs7115753	74.169	68.468	0.279	-192.225	243.631	0.430	2.120	27.699	0.939
<i>CELF1</i>	rs7124681	1.820	65.362	0.978	-196.733	232.184	0.397	-49.185	26.367	0.063
<i>MAP3K11</i>	rs1783541	-27.297	89.815	0.761	-95.156	318.527	0.765	6.291	36.312	0.863
<i>CENTD2/ARAP1</i>	rs77464186	40.018	95.744	0.676	-114.617	338.446	0.735	32.833	38.607	0.395
<i>MTNR1B</i>	rs10830963	10.110	75.043	0.893	-672.757	265.267	0.011	-30.820	30.403	0.311
<i>ETS1</i>	rs67232546	-103.724	80.443	0.198	-36.454	285.021	0.898	-64.473	32.401	0.047
<i>CDKN1B</i>	rs2066827	-106.636	103.822	0.305	-21.520	369.014	0.954	-142.379	41.598	0.001
<i>ITPR2</i>	rs718314	3.182	77.452	0.967	313.076	273.908	0.254	6.564	31.272	0.834
<i>KLHDC5</i>	rs10842994	33.833	81.918	0.680	-130.583	289.991	0.653	-9.287	33.071	0.779
<i>HMGA2</i>	rs2258238	52.423	105.660	0.620	193.149	374.206	0.606	-37.981	42.597	0.373
<i>TSPAN8/LGR5</i>	rs1796330	-2.784	68.586	0.968	30.551	243.632	0.900	8.441	27.724	0.761
<i>USP44</i>	rs2197973	81.360	65.862	0.217	62.911	234.305	0.788	33.493	26.637	0.209

Locus	Variant	1- hour Insulin (pg/ml)			Oral Disposition Index			Stumvoll 1st Phase Estimate		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	240.796	135.837	0.077	-517.819	483.104	0.284	19.096	54.917	0.728
<i>WSCD2</i>	rs1426371	1.332	84.220	0.987	-43.544	298.443	0.884	-6.772	34.010	0.842
<i>KSR2</i>	rs34965774	-46.915	96.576	0.627	-69.283	344.879	0.841	-25.538	39.351	0.517
<i>HNF1A</i>	rs56348580	44.548	73.840	0.547	-265.939	261.078	0.309	-8.645	29.808	0.772
<i>MPHOSPH9</i>	rs4148856	39.943	76.477	0.602	-372.373	270.342	0.169	41.825	30.830	0.175
<i>ZNF664</i>	rs7978610	-158.048	68.905	0.022	-48.549	244.677	0.843	-51.410	27.832	0.065
<i>FBRSL1</i>	rs12811407	104.987	72.880	0.150	-47.504	259.446	0.855	18.495	29.574	0.532
<i>RNF6</i>	rs34584161	72.441	75.874	0.340	94.867	270.055	0.726	1.587	30.659	0.959
<i>HMGB1</i>	rs11842871	-30.748	83.366	0.712	-471.936	294.633	0.110	12.829	33.657	0.703
<i>KL</i>	rs576674	39.861	84.085	0.636	151.780	297.783	0.610	18.822	33.930	0.579
<i>DLEU1</i>	rs963740	55.024	74.333	0.459	-338.038	262.910	0.199	45.704	29.957	0.128
<i>PCDH17</i>	rs9537803	-26.770	75.800	0.724	20.314	268.388	0.940	1.403	30.605	0.963
<i>SRGAP2D</i>	rs9563615	-123.474	76.270	0.106	-367.342	270.245	0.175	-6.418	30.873	0.835
<i>SPRY2</i>	rs1359790	-94.082	74.322	0.206	206.617	263.336	0.433	-15.764	30.047	0.600
<i>IRS2</i>	rs7987740	34.998	70.067	0.618	126.960	249.100	0.610	53.129	28.336	0.061
<i>SLC7A7</i>	rs17122772	-127.668	86.182	0.139	534.227	304.775	0.080	-50.484	34.793	0.147
<i>AKAP6</i>	rs17522122	-35.573	66.898	0.595	-270.533	237.849	0.256	-21.710	27.056	0.423
<i>CLEC14A</i>	rs8017808	-1.282	74.240	0.986	36.746	262.790	0.889	3.352	29.969	0.911
<i>NRXN3</i>	rs17836088	-15.236	82.723	0.854	14.358	292.799	0.961	-28.233	33.366	0.398
<i>SMEK1</i>	rs8010382	83.546	71.370	0.242	-340.004	252.812	0.179	25.148	28.823	0.383
<i>MARK3</i>	rs62007683	86.142	69.360	0.215	13.006	246.035	0.958	37.444	28.006	0.182
<i>RASGRP1</i>	rs34715063	-103.869	104.164	0.319	295.608	369.831	0.424	16.202	42.142	0.701
<i>LTK</i>	rs11070332	-10.802	67.490	0.873	187.112	239.495	0.435	-47.452	27.165	0.081
<i>ONECUT1</i>	rs2456530	-87.926	104.210	0.399	-32.048	370.917	0.931	-20.413	42.239	0.629
<i>C2CD4A/B</i>	rs8037894	53.816	67.152	0.423	-234.903	237.564	0.323	-20.222	27.057	0.455
<i>USP3</i>	rs7178762	-14.889	67.452	0.825	-185.478	238.485	0.437	-22.373	27.207	0.411
<i>MAP2K5</i>	rs4776970	13.104	68.583	0.849	299.787	243.360	0.219	21.797	27.767	0.433
<i>PTPN9</i>	rs13737	-78.180	75.756	0.303	75.682	269.557	0.779	-54.059	30.526	0.077
<i>HMG20A</i>	rs1005752	18.270	73.110	0.803	-104.704	260.843	0.688	-10.958	29.635	0.712
<i>AP3S2</i>	rs4932265	-51.015	76.936	0.508	-166.285	273.627	0.544	-15.596	31.192	0.617

Locus	Variant	1- hour Insulin (pg/ml)			Oral Disposition Index			Stumvoll 1st Phase Estimate		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	-23.302	68.570	0.734	78.611	244.510	0.748	9.050	27.748	0.744
<i>ITFG3</i>	rs6600191	-8.529	86.636	0.922	-469.982	306.246	0.125	28.431	34.969	0.417
<i>CLUAP1</i>	rs3751837	82.438	85.266	0.334	-37.498	304.303	0.902	42.763	34.646	0.218
<i>ATP2A1</i>	rs8046545	-12.788	71.579	0.858	-47.619	254.229	0.851	-15.617	28.997	0.590
<i>FAM57B</i>	rs11642430	16.648	70.302	0.813	-407.223	248.334	0.102	-14.891	28.393	0.600
<i>FTO</i>	rs1421085	-8.879	66.160	0.893	-471.009	233.146	0.044	4.097	26.725	0.878
<i>NFAT5</i>	rs862320	-209.581	67.295	0.002	416.015	240.702	0.084	-37.473	27.419	0.172
<i>BCAR1</i>	rs72802342	95.448	130.137	0.464	728.729	460.911	0.114	-5.911	52.744	0.911
<i>CMIP</i>	rs2925979	-25.999	72.440	0.720	-104.311	256.587	0.685	-0.218	29.259	0.994
<i>SPG7</i>	rs12920022	135.239	99.027	0.173	-658.713	349.754	0.060	19.902	40.022	0.619
<i>ZZEF1</i>	rs1377807	95.963	72.253	0.185	231.255	256.126	0.367	27.452	29.202	0.348
<i>ATP1B2</i>	rs1641523	113.538	69.752	0.104	-335.078	246.964	0.175	46.045	28.153	0.103
<i>GLP2R</i>	rs7222481	148.713	73.069	0.042	-605.103	259.348	0.020	51.125	29.523	0.084
<i>RAI1</i>	rs4925109	-44.404	67.510	0.511	-29.525	239.750	0.902	-44.458	27.290	0.104
<i>NF1</i>	rs71372253	210.228	127.337	0.099	-545.464	452.212	0.228	91.232	51.328	0.076
<i>HNF1B</i>	rs10908278	-113.416	66.739	0.090	527.508	236.253	0.026	-41.412	27.008	0.126
<i>MLX</i>	rs34855406	-25.408	76.137	0.739	390.611	269.110	0.147	22.771	30.730	0.459
<i>TTLL6</i>	rs35895680	47.074	72.501	0.516	439.217	256.390	0.087	68.693	29.147	0.019
<i>ACE</i>	rs60276348	116.581	85.342	0.172	-444.371	301.975	0.142	-38.368	34.484	0.266
<i>BPTF</i>	rs61676547	-111.590	79.612	0.162	453.462	281.822	0.108	0.469	32.214	0.988
<i>LAMA1</i>	rs7240767	17.290	67.306	0.797	6.243	238.108	0.979	7.873	27.195	0.772
<i>COMMD9</i>	rs62080313	31.861	99.136	0.748	205.567	355.523	0.563	90.252	40.338	0.026
<i>TCF4</i>	rs72926932	-60.469	126.100	0.632	646.904	446.511	0.148	-64.493	50.785	0.205
<i>WDR7</i>	rs17684074	100.309	80.332	0.212	-17.015	284.921	0.952	7.883	32.485	0.808
<i>GRP</i>	rs9957145	176.657	94.923	0.063	-269.076	337.380	0.425	15.498	38.524	0.688
<i>MC4R</i>	rs523288	-14.192	77.521	0.855	-291.736	274.149	0.288	-5.855	31.300	0.852
<i>BCL2A</i>	rs12454712	-87.185	79.846	0.275	-192.055	282.923	0.498	-10.002	32.270	0.757
<i>UHRF1</i>	rs7249758	-176.870	82.855	0.033	101.274	294.723	0.731	-75.911	33.455	0.024
<i>INSR</i>	rs75253922	143.809	85.548	0.093	490.049	303.040	0.106	27.258	34.614	0.431
<i>MAP2K7</i>	rs4804833	100.121	66.972	0.135	-209.840	239.729	0.382	38.895	27.091	0.152

Locus	Variant	1- hour Insulin (pg/ml)			Oral Disposition Index			Stumvoll 1st Phase Estimate		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	15.392	68.077	0.821	258.235	241.745	0.286	-24.504	27.487	0.373
<i>TM6SF2</i>	rs8107974	-114.733	131.807	0.384	493.109	467.611	0.292	35.419	53.159	0.506
<i>PEPD</i>	rs10406327	66.228	65.913	0.315	-279.292	232.834	0.231	18.445	26.622	0.489
<i>TOMM40/APOE</i>	rs429358	57.806	104.075	0.579	-203.856	367.749	0.580	28.544	41.974	0.497
<i>GIPR</i>	rs10406431	-37.214	67.831	0.583	53.047	241.280	0.826	2.563	27.428	0.926
<i>ZC3H4</i>	rs3810291	7.208	73.252	0.922	-111.855	259.275	0.666	3.805	29.587	0.898
<i>NKX2.2</i>	rs13041756	-44.453	114.191	0.697	21.158	404.698	0.958	-18.006	46.053	0.696
<i>RALY</i>	rs2268078	-26.735	71.639	0.709	-185.766	255.957	0.468	16.321	29.105	0.575
<i>EYA2</i>	rs6063048	-126.693	78.846	0.109	-292.690	279.549	0.296	-4.541	31.909	0.887
<i>CEBPB</i>	rs11699802	-12.717	70.814	0.858	-21.546	251.659	0.932	27.974	28.608	0.329
<i>TSHZ2</i>	rs34454109	51.353	81.755	0.530	132.677	291.360	0.649	15.853	33.017	0.631
<i>GNAS</i>	rs6070625	-91.933	66.438	0.167	271.691	236.213	0.251	-28.456	26.950	0.291
<i>TCEA2</i>	rs59944054	-13.631	80.515	0.866	129.880	286.523	0.651	-4.673	32.498	0.886
<i>MTMR3/ASCC2</i>	rs6518681	-84.139	128.581	0.513	132.391	454.209	0.771	9.678	51.868	0.852
<i>YWHAH</i>	rs117001013	-48.923	142.494	0.731	673.583	502.328	0.180	-102.637	57.295	0.074
<i>EP300</i>	rs5758223	-11.459	75.829	0.880	424.879	267.862	0.113	-45.347	30.554	0.138
<i>PNPLA3</i>	rs738408	-132.690	75.508	0.079	-0.512	268.058	0.998	-23.463	30.550	0.443
<i>PIM3</i>	rs1801645	103.585	87.358	0.236	81.878	311.686	0.793	77.718	35.174	0.028

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	65.647	28.296	0.021	-0.092	0.093	0.323
<i>FAF1</i>	rs58432198	-13.762	37.152	0.711	0.003	0.120	0.978
<i>PATJ</i>	rs12140153	-23.326	41.554	0.575	-0.217	0.135	0.109
<i>PTGFRN</i>	rs1127215	-43.321	23.205	0.062	-0.199	0.075	0.008
<i>NOTCH2</i>	rs1493694	18.142	40.049	0.651	-0.013	0.130	0.919
<i>SEC16B</i>	rs539515	-38.843	30.599	0.205	-0.085	0.099	0.393
<i>DSTYK</i>	rs12048743	8.715	23.958	0.716	0.085	0.078	0.271
<i>SRGAP2</i>	rs9430095	-12.104	23.067	0.600	-0.072	0.075	0.338
<i>PROX1</i>	rs340874	-20.033	23.539	0.395	0.049	0.076	0.519
<i>LYPLAL1</i>	rs2820446	21.392	26.339	0.417	0.104	0.085	0.225
<i>ABCB10</i>	rs348330	-0.914	24.435	0.970	0.232	0.079	0.003
<i>GNG4</i>	rs291367	36.835	24.547	0.134	0.164	0.079	0.039
<i>FAM49A</i>	rs11680058	13.392	34.505	0.698	-0.055	0.114	0.626
<i>DTNB</i>	rs17802463	37.925	25.814	0.142	-0.047	0.084	0.575
<i>GCKR</i>	rs1260326	42.604	22.872	0.063	-0.130	0.074	0.081
<i>THADA</i>	rs80147536	1.136	37.070	0.976	-0.052	0.121	0.664
<i>BNIP1</i>	rs6545714	29.799	23.978	0.214	0.114	0.078	0.144
<i>BCL11A</i>	rs243024	-6.619	23.365	0.777	-0.018	0.076	0.814
<i>CEP68</i>	rs2249105	40.069	24.280	0.099	0.030	0.079	0.702
<i>GLI2</i>	rs11688682	65.748	28.549	0.022	0.081	0.093	0.387
<i>PABPC1P2</i>	rs35999103	41.021	29.759	0.169	0.153	0.098	0.117
<i>CYTIP</i>	rs13426680	-26.644	47.039	0.571	0.163	0.152	0.282
<i>RBMS1</i>	rs3772071	0.880	25.463	0.972	0.085	0.083	0.304
<i>GRB14/COBLL1</i>	rs10195252	-16.543	24.951	0.508	-0.021	0.082	0.794
<i>G6PC2</i>	rs1402837	0.334	26.538	0.990	-0.062	0.086	0.472
<i>CRYBA2</i>	rs113414093	34.490	91.791	0.707	0.711	0.292	0.015
<i>IRS1</i>	rs2972144	14.597	25.124	0.561	0.052	0.082	0.529
<i>PPARG</i>	rs11709077	-25.189	37.438	0.501	-0.265	0.122	0.030

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-20.399	27.983	0.466	0.044	0.091	0.628
<i>KIF9</i>	rs11926707	8.513	23.373	0.716	-0.016	0.079	0.842
<i>RBM6</i>	rs4688760	-14.602	25.888	0.573	0.080	0.084	0.339
<i>RFT1</i>	rs2581787	-15.508	23.342	0.507	-0.024	0.076	0.753
<i>PSMD6</i>	rs3774723	-63.541	31.991	0.047	-0.165	0.104	0.113
<i>ADAMTS9</i>	rs9860730	-44.564	24.320	0.067	-0.008	0.080	0.916
<i>SHQ1</i>	rs13085136	12.227	60.106	0.839	0.164	0.193	0.396
<i>ROBO2</i>	rs2272163	-10.624	23.875	0.656	-0.036	0.077	0.644
<i>ADCY5</i>	rs11708067	-6.559	28.518	0.818	0.048	0.092	0.600
<i>SLC12A8</i>	rs649961	17.538	23.238	0.451	0.057	0.076	0.449
<i>TMCC1</i>	rs9828772	30.699	42.538	0.471	-0.074	0.137	0.590
<i>TSC22D2</i>	rs62271373	50.167	41.963	0.232	0.005	0.136	0.969
<i>MBNL1</i>	rs13065698	9.526	24.215	0.694	0.106	0.079	0.180
<i>EGFEM1P</i>	rs7629630	7.225	32.927	0.826	0.026	0.107	0.805
<i>SLC2A2</i>	rs9873618	20.729	25.850	0.423	-0.032	0.084	0.698
<i>ABCC5</i>	rs2872246	-22.642	22.557	0.316	0.018	0.073	0.805
<i>IGF2BP2</i>	rs6780171	-39.276	25.351	0.122	-0.093	0.083	0.262
<i>ST6GAL1</i>	rs3887925	-13.710	23.413	0.558	-0.116	0.076	0.127
<i>LPP</i>	rs4686471	13.348	24.187	0.581	0.009	0.078	0.907
<i>MAEA</i>	rs56337234	33.478	25.746	0.194	0.016	0.084	0.846
<i>HTT</i>	rs362307	-3.682	47.359	0.938	-0.188	0.150	0.210
<i>WFS1</i>	rs10937721	-14.797	23.538	0.530	-0.032	0.077	0.675
<i>LCORL</i>	rs12640250	4.766	27.090	0.860	-0.001	0.088	0.993
<i>GNPDA2</i>	rs10938398	-7.272	23.412	0.756	0.055	0.076	0.473
<i>USP46</i>	rs2102278	-10.325	25.658	0.688	-0.025	0.083	0.761
<i>SCD5</i>	rs12642790	29.172	24.979	0.243	0.000	0.081	0.996
<i>FAM13A</i>	rs1903002	-7.858	23.729	0.741	0.052	0.077	0.499
<i>SMARCA1</i>	rs6821438	-35.058	23.860	0.142	0.128	0.077	0.100
<i>SLC9B1</i>	rs1580278	-8.330	23.972	0.728	-0.021	0.078	0.790
<i>PABPC4L</i>	rs1296328	-54.674	24.346	0.025	-0.216	0.079	0.006

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	-27.012	25.178	0.284	0.134	0.082	0.103
<i>PDGFC</i>	rs28819812	-42.532	24.800	0.087	0.076	0.081	0.350
<i>ACSL1</i>	rs58730668	15.084	34.460	0.662	-0.003	0.113	0.976
<i>MRPS30</i>	rs6884702	-28.244	23.712	0.234	-0.070	0.077	0.367
<i>ITGA1</i>	rs3811978	76.669	31.524	0.015	0.217	0.101	0.033
<i>ARL15</i>	rs702634	3.089	25.627	0.904	0.041	0.083	0.622
<i>ANKRD55</i>	rs465002	10.759	25.829	0.677	0.007	0.084	0.938
<i>PIK3R1</i>	rs4976033	-10.296	23.075	0.656	0.055	0.074	0.463
<i>POC5</i>	rs2307111	5.571	23.027	0.809	-0.010	0.075	0.894
<i>ZBED3</i>	rs4457053	-26.144	25.512	0.306	-0.045	0.082	0.581
<i>DMGDH</i>	rs1316776	-2.838	24.925	0.909	0.008	0.081	0.924
<i>RASA1</i>	rs7719891	-53.027	24.806	0.033	-0.006	0.081	0.942
<i>PCSK1</i>	rs13179048	-17.076	24.742	0.490	-0.020	0.081	0.805
<i>PHF15</i>	rs329122	35.673	24.420	0.145	0.272	0.079	0.001
<i>EBF1</i>	rs3934712	22.192	28.264	0.433	-0.009	0.091	0.924
<i>RREB1</i>	rs9379084	-0.738	37.850	0.984	0.025	0.124	0.838
<i>CDKAL1</i>	rs7756992	-36.506	25.978	0.160	0.071	0.084	0.402
<i>MHC</i>	rs601945	-5.848	34.742	0.866	-0.178	0.113	0.115
<i>LRFN2</i>	rs34298980	11.604	24.995	0.643	-0.153	0.081	0.059
<i>VEGFA</i>	rs6458354	-3.632	26.384	0.891	0.052	0.085	0.541
<i>TFAP2B</i>	rs3798519	8.643	30.338	0.776	0.035	0.099	0.721
<i>BEND3</i>	rs4946812	-24.672	26.332	0.349	-0.019	0.085	0.823
<i>CENPW</i>	rs11759026	32.452	28.417	0.254	-0.090	0.093	0.336
<i>SOGA3</i>	rs2800733	-12.893	26.402	0.625	0.071	0.085	0.406
<i>SLC35D3</i>	rs9494624	-51.537	26.480	0.052	-0.007	0.086	0.934
<i>MIR3668</i>	rs2982521	18.212	24.308	0.454	-0.183	0.078	0.020
<i>SLC22A3</i>	rs474513	13.653	23.539	0.562	-0.034	0.076	0.655
<i>QKI</i>	rs4709746	16.837	33.940	0.620	0.106	0.110	0.337
<i>DGKB</i>	rs10228066	-5.861	23.668	0.805	-0.022	0.076	0.775
<i>IGF2BP3</i>	rs4279506	21.887	23.550	0.353	-0.097	0.076	0.204

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	-20.286	22.963	0.377	-0.080	0.075	0.287
CRHR2	rs917195	-37.334	27.427	0.174	0.100	0.089	0.257
GCK	rs878521	-32.109	26.689	0.229	-0.105	0.086	0.227
FBXL13	rs11496066	-75.353	30.513	0.014	-0.151	0.099	0.129
RELN	rs39328	-4.066	24.037	0.866	0.072	0.078	0.357
CTTNBP2	rs6976111	-42.383	25.647	0.099	0.048	0.083	0.567
KLF14	rs1562396	28.609	25.798	0.268	0.056	0.084	0.507
AOC1	rs62492368	22.283	25.144	0.376	0.063	0.082	0.442
MNX1	rs6459733	23.837	23.454	0.310	0.027	0.076	0.725
PPP1R3B	rs4841132	71.624	45.510	0.116	0.100	0.146	0.491
MSRA	rs17689007	31.650	22.575	0.161	-0.023	0.073	0.749
XKR6	rs57327348	-16.577	32.030	0.605	-0.006	0.104	0.958
LPL	rs10096633	-25.573	34.316	0.456	0.149	0.111	0.181
PURG	rs10954772	28.377	25.188	0.260	-0.092	0.081	0.259
ANK1	rs13262861	22.063	29.030	0.448	0.053	0.093	0.568
TP53INP1	rs10097617	-18.934	23.491	0.421	-0.104	0.076	0.173
TRHR	rs12680028	6.142	23.279	0.792	0.029	0.076	0.700
SLC30A8	rs3802177	-33.991	25.920	0.190	-0.088	0.084	0.295
CASC11	rs17772814	25.449	43.563	0.559	0.113	0.143	0.427
PVT1	rs1561927	-21.815	25.559	0.394	0.080	0.083	0.338
BOP1	rs4977213	-3.121	23.412	0.894	0.043	0.076	0.566
GLIS3	rs10974438	-9.144	24.471	0.709	0.029	0.079	0.712
HAUS6	rs7022807	11.198	23.971	0.641	0.068	0.077	0.381
FOCAD	rs7867635	-27.145	23.889	0.256	0.118	0.078	0.128
CDKN2A/B	rs10811660	-20.094	31.998	0.530	-0.188	0.105	0.073
LINGO2	rs1412234	-2.555	25.057	0.919	0.023	0.082	0.781
UBAP2	rs12001437	-15.612	23.453	0.506	0.004	0.076	0.962
MTND2P8	rs11137820	38.106	23.130	0.100	-0.059	0.075	0.434
TLE4	rs17791513	28.011	50.613	0.580	0.163	0.164	0.321
TLE1	rs2796441	-14.799	22.690	0.515	-0.010	0.074	0.888

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	25.194	26.015	0.333	0.034	0.085	0.689
<i>ABO</i>	rs505922	-52.761	23.901	0.028	-0.167	0.078	0.032
<i>GPSM1</i>	rs28505901	-23.010	29.692	0.439	0.029	0.096	0.765
<i>CDC123/CAMK1D</i>	rs11257655	-58.056	29.162	0.047	-0.006	0.095	0.953
<i>HKDC1</i>	rs4746822	-40.673	24.169	0.093	-0.037	0.079	0.635
<i>NEUROG3</i>	rs2642588	28.746	25.297	0.256	0.037	0.082	0.651
<i>ZMIZ1</i>	rs703972	17.531	24.326	0.471	-0.055	0.079	0.489
<i>PTEN</i>	rs11202627	-7.351	32.700	0.822	0.264	0.105	0.013
<i>HHEX/IDE</i>	rs10882101	17.815	23.385	0.446	0.169	0.076	0.026
<i>TCF7L2</i>	rs7903146	-34.181	24.321	0.160	-0.048	0.079	0.547
<i>WDR11</i>	rs72631105	-10.616	31.076	0.733	-0.055	0.101	0.586
<i>PLEKHA1</i>	rs2280141	-33.745	23.590	0.153	0.061	0.076	0.428
<i>INS/IGF2</i>	rs4929965	49.752	23.778	0.037	0.003	0.077	0.968
<i>KCNQ1</i>	rs2237895	-51.867	22.525	0.022	-0.056	0.073	0.441
<i>KCNJ11</i>	rs5213	-43.379	25.478	0.089	0.007	0.082	0.933
<i>METTL15</i>	rs4923543	38.154	25.492	0.135	-0.024	0.083	0.777
<i>PDHX</i>	rs2767036	-54.157	25.381	0.033	-0.043	0.083	0.604
<i>HSD17B12</i>	rs1061810	-12.084	26.097	0.644	0.145	0.084	0.086
<i>CRY2</i>	rs7115753	-6.225	23.852	0.794	-0.054	0.077	0.484
<i>CELF1</i>	rs7124681	-54.177	22.613	0.017	0.082	0.074	0.268
<i>MAP3K11</i>	rs1783541	3.655	31.162	0.907	-0.098	0.101	0.335
<i>CENTD2/ARAP1</i>	rs77464186	24.921	33.100	0.452	-0.030	0.107	0.779
<i>MTNR1B</i>	rs10830963	-57.268	26.049	0.028	-0.018	0.085	0.829
<i>ETS1</i>	rs67232546	-47.833	27.833	0.086	-0.137	0.091	0.130
<i>CDKN1B</i>	rs2066827	-126.228	35.718	0.000	-0.275	0.117	0.019
<i>ITPR2</i>	rs718314	17.368	26.827	0.518	-0.081	0.087	0.354
<i>KLHDC5</i>	rs10842994	-15.802	28.369	0.578	-0.011	0.092	0.904
<i>HMGA2</i>	rs2258238	-9.990	36.665	0.785	-0.103	0.119	0.387
<i>TSPAN8/LGR5</i>	rs1796330	5.974	23.832	0.802	0.040	0.077	0.604
<i>USP44</i>	rs2197973	23.182	22.913	0.312	-0.011	0.074	0.878

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	-5.412	47.337	0.909	0.004	0.154	0.978
<i>WSCD2</i>	rs1426371	-15.794	29.192	0.589	0.062	0.095	0.516
<i>KSR2</i>	rs34965774	-14.722	33.742	0.663	-0.120	0.110	0.275
<i>HNF1A</i>	rs56348580	-14.598	25.596	0.569	0.070	0.083	0.400
<i>MPHOSPH9</i>	rs4148856	21.625	26.512	0.415	0.141	0.086	0.100
<i>ZNF664</i>	rs7978610	-39.483	23.892	0.099	-0.055	0.078	0.480
<i>FBRSL1</i>	rs12811407	14.670	25.374	0.563	-0.025	0.083	0.765
<i>RNF6</i>	rs34584161	10.405	26.425	0.694	0.006	0.086	0.940
<i>HMGB1</i>	rs11842871	-11.954	28.933	0.680	-0.025	0.093	0.791
<i>KL</i>	rs576674	19.205	29.125	0.510	-0.072	0.094	0.443
<i>DLEU1</i>	rs963740	25.327	25.776	0.326	0.125	0.084	0.136
<i>PCDH17</i>	rs9537803	-7.645	26.259	0.771	0.045	0.085	0.598
<i>SRGAP2D</i>	rs9563615	-24.371	26.489	0.358	-0.006	0.086	0.943
<i>SPRY2</i>	rs1359790	2.219	25.805	0.932	-0.021	0.084	0.800
<i>IRS2</i>	rs7987740	56.579	24.255	0.020	0.017	0.079	0.830
<i>SLC7A7</i>	rs17122772	-23.466	29.945	0.434	-0.019	0.097	0.841
<i>AKAP6</i>	rs17522122	-28.705	23.232	0.217	0.027	0.076	0.717
<i>CLEC14A</i>	rs8017808	5.168	25.707	0.841	0.065	0.084	0.435
<i>NRXN3</i>	rs17836088	-21.087	28.633	0.462	0.003	0.093	0.975
<i>SMEK1</i>	rs8010382	1.561	24.826	0.950	0.036	0.080	0.655
<i>MARK3</i>	rs62007683	31.644	24.035	0.189	0.019	0.078	0.808
<i>RASGRP1</i>	rs34715063	33.235	36.189	0.359	-0.064	0.117	0.585
<i>LTK</i>	rs11070332	-27.816	23.454	0.236	-0.012	0.076	0.869
<i>ONECUT1</i>	rs2456530	-31.978	36.268	0.378	0.015	0.117	0.896
<i>C2CD4A/B</i>	rs8037894	-21.717	23.191	0.349	0.070	0.076	0.358
<i>USP3</i>	rs7178762	-24.428	23.319	0.295	-0.021	0.076	0.783
<i>MAP2K5</i>	rs4776970	33.346	23.809	0.162	0.050	0.077	0.517
<i>PTPN9</i>	rs13737	-52.348	26.278	0.047	-0.059	0.085	0.488
<i>HMG20A</i>	rs1005752	-8.987	25.518	0.725	-0.030	0.083	0.718
<i>AP3S2</i>	rs4932265	-17.660	26.765	0.510	0.038	0.087	0.663

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	16.298	23.915	0.496	0.004	0.077	0.963
<i>ITFG3</i>	rs6600191	-2.934	30.101	0.922	-0.043	0.098	0.662
<i>CLUAP1</i>	rs3751837	25.066	29.774	0.400	-0.126	0.096	0.190
<i>ATP2A1</i>	rs8046545	-9.410	24.871	0.705	0.006	0.081	0.942
<i>FAM57B</i>	rs11642430	-30.365	24.340	0.213	0.015	0.079	0.846
<i>FTO</i>	rs1421085	-19.739	22.937	0.390	0.122	0.074	0.101
<i>NFAT5</i>	rs862320	-14.463	23.660	0.541	-0.058	0.076	0.450
<i>BCAR1</i>	rs72802342	29.320	45.235	0.517	-0.046	0.148	0.753
<i>CMIP</i>	rs2925979	-8.230	25.106	0.743	-0.103	0.082	0.210
<i>SPG7</i>	rs12920022	-16.636	34.405	0.629	0.122	0.111	0.271
<i>ZZEF1</i>	rs1377807	34.490	25.036	0.169	-0.007	0.082	0.934
<i>ATP1B2</i>	rs1641523	31.922	24.181	0.187	0.010	0.079	0.900
<i>GLP2R</i>	rs7222481	20.758	25.573	0.417	0.070	0.083	0.397
<i>RAI1</i>	rs4925109	-43.138	23.382	0.066	-0.005	0.076	0.949
<i>NF1</i>	rs71372253	40.110	44.414	0.367	0.400	0.142	0.005
<i>HNF1B</i>	rs10908278	-8.943	23.327	0.702	-0.029	0.076	0.707
<i>MLX</i>	rs34855406	29.234	26.351	0.268	0.017	0.086	0.843
<i>TTLL6</i>	rs35895680	85.266	24.907	0.001	0.075	0.081	0.357
<i>ACE</i>	rs60276348	-60.927	29.522	0.040	-0.083	0.096	0.387
<i>BPTF</i>	rs61676547	34.527	27.697	0.213	-0.024	0.090	0.794
<i>LAMA1</i>	rs7240767	11.564	23.288	0.620	-0.087	0.076	0.250
<i>COMMD9</i>	rs62080313	92.697	34.565	0.008	0.225	0.113	0.047
<i>TCF4</i>	rs72926932	-20.726	43.860	0.637	0.286	0.141	0.042
<i>WDR7</i>	rs17684074	11.127	27.869	0.690	-0.001	0.091	0.988
<i>GRP</i>	rs9957145	3.533	33.034	0.915	0.017	0.108	0.873
<i>MC4R</i>	rs523288	-13.850	26.843	0.606	-0.004	0.087	0.959
<i>BCL2A</i>	rs12454712	-24.684	27.689	0.373	-0.008	0.090	0.926
<i>UHRF1</i>	rs7249758	-58.322	28.755	0.043	-0.172	0.094	0.066
<i>INSR</i>	rs75253922	41.139	29.678	0.166	0.253	0.096	0.009
<i>MAP2K7</i>	rs4804833	24.650	23.303	0.291	0.015	0.077	0.850

Locus	Variant	Stumvoll 1st Phase Estimate (Matsuda adjusted)			Fasting TNF-Alpha - V2 (pg/ml)		
		beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-12.441	23.682	0.600	-0.023	0.077	0.768
<i>TM6SF2</i>	rs8107974	78.533	45.756	0.087	0.409	0.149	0.006
<i>PEPD</i>	rs10406327	1.982	22.834	0.931	-0.040	0.074	0.590
<i>TOMM40/APOE</i>	rs429358	16.256	35.989	0.652	0.133	0.117	0.255
<i>GIPR</i>	rs10406431	7.928	23.604	0.737	0.064	0.076	0.402
<i>ZC3H4</i>	rs3810291	9.921	25.367	0.696	0.030	0.082	0.717
<i>NKX2.2</i>	rs13041756	-10.639	39.589	0.788	-0.132	0.128	0.305
<i>RALY</i>	rs2268078	9.708	25.051	0.699	-0.055	0.081	0.499
<i>EYA2</i>	rs6063048	-5.837	27.373	0.831	0.140	0.089	0.117
<i>CEBPB</i>	rs11699802	26.289	24.593	0.286	0.012	0.080	0.882
<i>TSHZ2</i>	rs34454109	14.394	28.500	0.614	0.108	0.092	0.243
<i>GNAS</i>	rs6070625	-11.957	23.159	0.606	0.019	0.075	0.801
<i>TCEA2</i>	rs59944054	9.035	28.046	0.747	0.025	0.090	0.777
<i>MTMR3/ASCC2</i>	rs6518681	29.422	44.437	0.508	-0.227	0.144	0.116
<i>YWHAH</i>	rs117001013	-46.877	49.330	0.342	-0.036	0.163	0.824
<i>EP300</i>	rs5758223	-18.922	26.313	0.472	-0.029	0.086	0.732
<i>PNPLA3</i>	rs738408	-17.625	26.216	0.502	-0.050	0.085	0.554
<i>PIM3</i>	rs1801645	71.954	30.344	0.018	0.045	0.099	0.650

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	-0.062	0.092	0.498	0.133	0.082	0.105
<i>FAF1</i>	rs58432198	-0.012	0.118	0.918	0.024	0.105	0.816
<i>PATJ</i>	rs12140153	-0.223	0.134	0.096	0.082	0.119	0.493
<i>PTGFRN</i>	rs1127215	-0.197	0.074	0.008	0.070	0.066	0.291
<i>NOTCH2</i>	rs1493694	-0.045	0.130	0.728	-0.237	0.114	0.038
<i>SEC16B</i>	rs539515	-0.111	0.098	0.262	0.063	0.087	0.466
<i>DSTYK</i>	rs12048743	0.088	0.077	0.253	0.017	0.068	0.804
<i>SRGAP2</i>	rs9430095	-0.078	0.074	0.295	-0.066	0.065	0.310
<i>PROX1</i>	rs340874	0.074	0.076	0.329	0.091	0.067	0.172
<i>LYPLAL1</i>	rs2820446	0.094	0.084	0.268	0.058	0.075	0.440
<i>ABCB10</i>	rs348330	0.222	0.078	0.005	-0.134	0.069	0.052
<i>GNG4</i>	rs291367	0.169	0.078	0.031	0.035	0.070	0.614
<i>FAM49A</i>	rs11680058	-0.042	0.112	0.705	-0.040	0.098	0.687
<i>DTNB</i>	rs17802463	-0.049	0.083	0.556	0.071	0.074	0.339
<i>GCKR</i>	rs1260326	-0.149	0.074	0.043	0.038	0.065	0.565
<i>THADA</i>	rs80147536	-0.035	0.119	0.770	-0.054	0.105	0.610
<i>BNIP1</i>	rs6545714	0.097	0.077	0.207	0.009	0.068	0.898
<i>BCL11A</i>	rs243024	0.000	0.075	0.999	-0.101	0.066	0.129
<i>CEP68</i>	rs2249105	0.006	0.078	0.942	0.021	0.069	0.758
<i>GLI2</i>	rs11688682	0.059	0.093	0.526	-0.116	0.081	0.154
<i>PABPC1P2</i>	rs35999103	0.130	0.097	0.179	-0.070	0.085	0.409
<i>CYTIP</i>	rs13426680	0.162	0.150	0.281	0.115	0.134	0.391
<i>RBMS1</i>	rs3772071	0.099	0.082	0.227	-0.017	0.073	0.813
<i>GRB14/COBLL1</i>	rs10195252	-0.019	0.080	0.816	0.061	0.071	0.389
<i>G6PC2</i>	rs1402837	-0.072	0.086	0.398	-0.096	0.076	0.205
<i>CRYBA2</i>	rs113414093	0.633	0.295	0.033	-0.151	0.262	0.563
<i>IRS1</i>	rs2972144	0.031	0.081	0.702	0.032	0.072	0.652
<i>PPARG</i>	rs11709077	-0.246	0.121	0.042	0.113	0.107	0.293

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	0.045	0.090	0.618	0.020	0.081	0.804
<i>KIF9</i>	rs11926707	-0.022	0.078	0.783	-0.046	0.070	0.511
<i>RBM6</i>	rs4688760	0.068	0.083	0.415	-0.001	0.074	0.985
<i>RFT1</i>	rs2581787	-0.027	0.075	0.723	-0.032	0.067	0.627
<i>PSMD6</i>	rs3774723	-0.159	0.103	0.122	0.154	0.092	0.094
<i>ADAMTS9</i>	rs9860730	-0.007	0.079	0.925	0.013	0.070	0.848
<i>SHQ1</i>	rs13085136	0.079	0.192	0.681	-0.157	0.169	0.354
<i>ROBO2</i>	rs2272163	-0.060	0.077	0.432	0.022	0.067	0.748
<i>ADCY5</i>	rs11708067	0.022	0.092	0.812	0.107	0.081	0.188
<i>SLC12A8</i>	rs649961	0.073	0.075	0.330	0.062	0.066	0.352
<i>TMCC1</i>	rs9828772	-0.100	0.136	0.461	0.122	0.120	0.312
<i>TSC22D2</i>	rs62271373	0.014	0.134	0.915	0.148	0.118	0.212
<i>MBNL1</i>	rs13065698	0.105	0.078	0.176	0.009	0.069	0.893
<i>EGFEM1P</i>	rs7629630	0.017	0.106	0.872	0.090	0.094	0.338
<i>SLC2A2</i>	rs9873618	-0.047	0.083	0.572	0.026	0.074	0.723
<i>ABCC5</i>	rs2872246	0.002	0.073	0.979	-0.038	0.064	0.558
<i>IGF2BP2</i>	rs6780171	-0.085	0.082	0.297	-0.019	0.072	0.789
<i>ST6GAL1</i>	rs3887925	-0.085	0.075	0.263	0.141	0.066	0.034
<i>LPP</i>	rs4686471	-0.004	0.078	0.961	0.031	0.069	0.652
<i>MAEA</i>	rs56337234	0.023	0.083	0.778	0.050	0.073	0.494
<i>HTT</i>	rs362307	-0.205	0.148	0.168	-0.073	0.132	0.581
<i>WFS1</i>	rs10937721	-0.038	0.076	0.611	0.028	0.067	0.672
<i>LCORL</i>	rs12640250	0.006	0.087	0.947	-0.021	0.077	0.785
<i>GNPDA2</i>	rs10938398	0.040	0.075	0.598	-0.068	0.066	0.307
<i>USP46</i>	rs2102278	-0.014	0.082	0.864	0.160	0.073	0.028
<i>SCD5</i>	rs12642790	0.009	0.080	0.906	0.098	0.071	0.165
<i>FAM13A</i>	rs1903002	0.059	0.077	0.442	-0.047	0.068	0.491
<i>SMARCA1</i>	rs6821438	0.116	0.076	0.129	-0.021	0.068	0.753
<i>SLC9B1</i>	rs1580278	-0.013	0.077	0.870	0.076	0.068	0.263
<i>PABPC4L</i>	rs1296328	-0.225	0.078	0.004	0.027	0.069	0.703

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	0.118	0.081	0.148	0.061	0.071	0.396
<i>PDGFC</i>	rs28819812	0.104	0.080	0.195	0.021	0.071	0.771
<i>ACSL1</i>	rs58730668	0.008	0.112	0.942	-0.002	0.099	0.984
<i>MRPS30</i>	rs6884702	-0.085	0.076	0.263	0.064	0.068	0.345
<i>ITGA1</i>	rs3811978	0.197	0.101	0.051	0.048	0.090	0.590
<i>ARL15</i>	rs702634	0.043	0.082	0.603	0.025	0.073	0.729
<i>ANKRD55</i>	rs465002	0.005	0.083	0.947	-0.030	0.073	0.683
<i>PIK3R1</i>	rs4976033	0.022	0.074	0.764	0.024	0.065	0.709
<i>POC5</i>	rs2307111	-0.018	0.074	0.805	-0.067	0.065	0.309
<i>ZBED3</i>	rs4457053	-0.032	0.081	0.691	0.011	0.072	0.880
<i>DMGDH</i>	rs1316776	0.012	0.080	0.885	-0.161	0.070	0.023
<i>RASA1</i>	rs7719891	0.001	0.080	0.986	-0.019	0.071	0.791
<i>PCSK1</i>	rs13179048	-0.022	0.080	0.780	-0.009	0.071	0.897
<i>PHF15</i>	rs329122	0.256	0.078	0.001	-0.047	0.069	0.500
<i>EBF1</i>	rs3934712	-0.011	0.090	0.899	0.007	0.080	0.934
<i>RREB1</i>	rs9379084	0.049	0.123	0.694	-0.029	0.109	0.791
<i>CDKAL1</i>	rs7756992	0.087	0.083	0.297	-0.072	0.074	0.331
<i>MHC</i>	rs601945	-0.189	0.112	0.091	0.126	0.099	0.202
<i>LRFN2</i>	rs34298980	-0.131	0.080	0.101	-0.076	0.071	0.283
<i>VEGFA</i>	rs6458354	0.070	0.085	0.408	-0.036	0.075	0.633
<i>TFAP2B</i>	rs3798519	0.014	0.098	0.887	0.018	0.086	0.832
<i>BEND3</i>	rs4946812	-0.026	0.085	0.757	-0.053	0.075	0.478
<i>CENPW</i>	rs11759026	-0.100	0.092	0.276	-0.013	0.081	0.874
<i>SOGA3</i>	rs2800733	0.060	0.084	0.476	0.008	0.075	0.919
<i>SLC35D3</i>	rs9494624	0.013	0.085	0.882	-0.024	0.076	0.753
<i>MIR3668</i>	rs2982521	-0.191	0.077	0.014	-0.025	0.069	0.715
<i>SLC22A3</i>	rs474513	-0.034	0.075	0.650	0.023	0.067	0.732
<i>QKI</i>	rs4709746	0.096	0.109	0.380	-0.028	0.097	0.774
<i>DGKB</i>	rs10228066	-0.042	0.076	0.577	-0.007	0.067	0.921
<i>IGF2BP3</i>	rs4279506	-0.084	0.076	0.265	-0.059	0.067	0.380

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	-0.066	0.074	0.369	-0.125	0.065	0.056
CRHR2	rs917195	0.066	0.088	0.453	-0.098	0.078	0.211
GCK	rs878521	-0.103	0.085	0.226	-0.005	0.076	0.948
FBXL13	rs11496066	-0.153	0.098	0.120	-0.125	0.088	0.155
RELN	rs39328	0.066	0.077	0.393	-0.083	0.068	0.223
CTTNBP2	rs6976111	0.058	0.082	0.484	0.016	0.073	0.831
KLF14	rs1562396	0.057	0.083	0.494	-0.066	0.073	0.370
AOC1	rs62492368	0.069	0.081	0.393	-0.094	0.072	0.193
MNX1	rs6459733	0.016	0.075	0.835	-0.026	0.067	0.696
PPP1R3B	rs4841132	0.138	0.144	0.337	-0.233	0.128	0.069
MSRA	rs17689007	-0.020	0.072	0.785	-0.060	0.064	0.351
XKR6	rs57327348	-0.005	0.103	0.961	-0.043	0.090	0.632
LPL	rs10096633	0.158	0.110	0.153	-0.175	0.098	0.075
PURG	rs10954772	-0.109	0.080	0.174	0.042	0.071	0.548
ANK1	rs13262861	0.055	0.093	0.554	-0.025	0.082	0.759
TP53INP1	rs10097617	-0.110	0.075	0.144	-0.078	0.067	0.244
TRHR	rs12680028	0.018	0.075	0.809	0.078	0.067	0.246
SLC30A8	rs3802177	-0.078	0.083	0.347	0.134	0.073	0.067
CASC11	rs17772814	0.124	0.141	0.381	0.154	0.125	0.216
PVT1	rs1561927	0.089	0.082	0.276	-0.038	0.073	0.604
BOP1	rs4977213	0.059	0.075	0.431	0.035	0.067	0.594
GLIS3	rs10974438	0.025	0.079	0.747	0.188	0.069	0.007
HAUS6	rs7022807	0.062	0.077	0.418	0.077	0.068	0.257
FOCAD	rs7867635	0.111	0.077	0.149	-0.049	0.068	0.475
CDKN2A/B	rs10811660	-0.193	0.103	0.062	0.117	0.090	0.192
LINGO2	rs1412234	0.026	0.081	0.747	-0.100	0.071	0.161
UBAP2	rs12001437	-0.006	0.075	0.934	-0.069	0.067	0.299
MTND2P8	rs11137820	-0.063	0.074	0.399	-0.030	0.066	0.653
TLE4	rs17791513	0.134	0.162	0.409	0.030	0.143	0.831
TLE1	rs2796441	-0.006	0.073	0.934	-0.034	0.065	0.604

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	0.016	0.084	0.852	-0.165	0.074	0.026
<i>ABO</i>	rs505922	-0.155	0.077	0.044	0.083	0.068	0.223
<i>GPSM1</i>	rs28505901	0.032	0.095	0.734	-0.025	0.085	0.765
<i>CDC123/CAMK1D</i>	rs11257655	-0.029	0.094	0.755	0.030	0.083	0.719
<i>HKDC1</i>	rs4746822	-0.055	0.078	0.478	-0.034	0.069	0.622
<i>NEUROG3</i>	rs2642588	0.028	0.081	0.732	0.030	0.072	0.683
<i>ZMIZ1</i>	rs703972	-0.060	0.078	0.446	-0.009	0.069	0.901
<i>PTEN</i>	rs11202627	0.271	0.104	0.009	-0.006	0.093	0.950
<i>HHEX/IDE</i>	rs10882101	0.163	0.075	0.031	-0.050	0.067	0.452
<i>TCF7L2</i>	rs7903146	-0.047	0.078	0.551	0.044	0.069	0.528
<i>WDR11</i>	rs72631105	-0.056	0.100	0.574	0.204	0.088	0.021
<i>PLEKHA1</i>	rs2280141	0.049	0.076	0.521	0.009	0.067	0.889
<i>INS/IGF2</i>	rs4929965	-0.014	0.077	0.851	0.086	0.068	0.205
<i>KCNQ1</i>	rs2237895	-0.046	0.072	0.527	0.001	0.064	0.989
<i>KCNJ11</i>	rs5213	0.000	0.082	0.999	-0.068	0.072	0.345
<i>METTL15</i>	rs4923543	-0.006	0.082	0.937	-0.011	0.073	0.883
<i>PDHX</i>	rs2767036	-0.029	0.082	0.719	-0.013	0.072	0.852
<i>HSD17B12</i>	rs1061810	0.153	0.083	0.066	-0.120	0.074	0.106
<i>CRY2</i>	rs7115753	-0.058	0.077	0.449	0.024	0.068	0.725
<i>CELF1</i>	rs7124681	0.083	0.073	0.254	0.063	0.065	0.333
<i>MAP3K11</i>	rs1783541	-0.118	0.101	0.244	-0.089	0.088	0.310
<i>CENTD2/ARAP1</i>	rs77464186	-0.041	0.106	0.698	-0.025	0.095	0.794
<i>MTNR1B</i>	rs10830963	-0.043	0.084	0.608	-0.032	0.074	0.663
<i>ETS1</i>	rs67232546	-0.126	0.090	0.162	0.103	0.080	0.198
<i>CDKN1B</i>	rs2066827	-0.253	0.116	0.029	0.096	0.103	0.355
<i>ITPR2</i>	rs718314	-0.062	0.086	0.470	0.075	0.076	0.329
<i>KLHDC5</i>	rs10842994	-0.011	0.091	0.904	0.041	0.081	0.613
<i>HMGA2</i>	rs2258238	-0.102	0.118	0.388	0.257	0.104	0.014
<i>TSPAN8/LGR5</i>	rs1796330	0.038	0.077	0.621	-0.030	0.068	0.656
<i>USP44</i>	rs2197973	-0.029	0.074	0.696	-0.077	0.065	0.238

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	-0.001	0.152	0.992	-0.127	0.134	0.343
<i>WSCD2</i>	rs1426371	0.057	0.094	0.546	0.069	0.084	0.412
<i>KSR2</i>	rs34965774	-0.131	0.108	0.228	0.058	0.096	0.546
<i>HNF1A</i>	rs56348580	0.070	0.082	0.391	-0.033	0.073	0.646
<i>MPHOSPH9</i>	rs4148856	0.114	0.085	0.182	0.110	0.075	0.145
<i>ZNF664</i>	rs7978610	-0.050	0.077	0.515	-0.010	0.068	0.881
<i>FBRSL1</i>	rs12811407	-0.021	0.082	0.800	0.041	0.072	0.571
<i>RNF6</i>	rs34584161	0.026	0.085	0.760	0.062	0.075	0.409
<i>HMGB1</i>	rs11842871	-0.013	0.092	0.887	-0.130	0.082	0.111
<i>KL</i>	rs576674	-0.058	0.093	0.532	0.047	0.083	0.569
<i>DLEU1</i>	rs963740	0.129	0.083	0.120	0.088	0.073	0.230
<i>PCDH17</i>	rs9537803	0.051	0.084	0.548	-0.088	0.075	0.239
<i>SRGAP2D</i>	rs9563615	-0.016	0.085	0.849	0.014	0.075	0.857
<i>SPRY2</i>	rs1359790	-0.022	0.083	0.789	0.012	0.074	0.867
<i>IRS2</i>	rs7987740	0.003	0.078	0.972	-0.065	0.069	0.346
<i>SLC7A7</i>	rs17122772	0.004	0.096	0.965	-0.148	0.085	0.082
<i>AKAP6</i>	rs17522122	0.019	0.075	0.797	0.055	0.066	0.408
<i>CLEC14A</i>	rs8017808	0.067	0.083	0.420	-0.164	0.073	0.026
<i>NRXN3</i>	rs17836088	-0.003	0.092	0.976	-0.118	0.082	0.148
<i>SMEK1</i>	rs8010382	0.035	0.079	0.660	0.059	0.070	0.404
<i>MARK3</i>	rs62007683	0.026	0.078	0.734	-0.024	0.068	0.722
<i>RASGRP1</i>	rs34715063	-0.055	0.116	0.638	-0.065	0.103	0.528
<i>LTK</i>	rs11070332	0.021	0.075	0.785	-0.009	0.067	0.890
<i>ONECUT1</i>	rs2456530	0.010	0.116	0.933	-0.019	0.103	0.856
<i>C2CD4A/B</i>	rs8037894	0.061	0.075	0.414	0.139	0.066	0.037
<i>USP3</i>	rs7178762	-0.016	0.075	0.835	-0.028	0.067	0.678
<i>MAP2K5</i>	rs4776970	0.054	0.077	0.485	-0.027	0.068	0.689
<i>PTPN9</i>	rs13737	-0.073	0.084	0.386	0.087	0.075	0.247
<i>HMG20A</i>	rs1005752	-0.035	0.082	0.671	0.086	0.073	0.238
<i>AP3S2</i>	rs4932265	0.046	0.086	0.595	0.062	0.076	0.417

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	-0.012	0.076	0.870	-0.046	0.067	0.491
<i>ITFG3</i>	rs6600191	-0.042	0.097	0.663	-0.090	0.086	0.296
<i>CLUAP1</i>	rs3751837	-0.138	0.095	0.148	0.054	0.084	0.522
<i>ATP2A1</i>	rs8046545	-0.011	0.080	0.892	-0.038	0.071	0.595
<i>FAM57B</i>	rs11642430	0.007	0.078	0.925	-0.020	0.070	0.780
<i>FTO</i>	rs1421085	0.104	0.074	0.160	-0.032	0.065	0.628
<i>NFAT5</i>	rs862320	-0.074	0.075	0.326	-0.118	0.067	0.077
<i>BCAR1</i>	rs72802342	-0.076	0.146	0.605	0.216	0.130	0.096
<i>CMIP</i>	rs2925979	-0.084	0.081	0.299	-0.117	0.072	0.105
<i>SPG7</i>	rs12920022	0.114	0.110	0.300	0.129	0.096	0.182
<i>ZZEF1</i>	rs1377807	-0.009	0.081	0.911	0.032	0.071	0.650
<i>ATP1B2</i>	rs1641523	0.002	0.078	0.977	-0.005	0.069	0.943
<i>GLP2R</i>	rs7222481	0.057	0.082	0.485	0.011	0.073	0.879
<i>RAI1</i>	rs4925109	0.014	0.076	0.853	-0.023	0.066	0.730
<i>NF1</i>	rs71372253	0.394	0.141	0.005	0.147	0.125	0.240
<i>HNF1B</i>	rs10908278	-0.027	0.075	0.716	-0.046	0.067	0.491
<i>MLX</i>	rs34855406	0.040	0.085	0.641	-0.102	0.075	0.178
<i>TTL6</i>	rs35895680	0.054	0.081	0.501	-0.033	0.072	0.643
<i>ACE</i>	rs60276348	-0.088	0.095	0.353	0.110	0.085	0.200
<i>BPTF</i>	rs61676547	-0.006	0.089	0.950	0.010	0.079	0.897
<i>LAMA1</i>	rs7240767	-0.090	0.075	0.231	-0.010	0.066	0.876
<i>COMMD9</i>	rs62080313	0.221	0.111	0.048	-0.110	0.098	0.264
<i>TCF4</i>	rs72926932	0.301	0.140	0.032	-0.027	0.122	0.824
<i>WDR7</i>	rs17684074	0.020	0.090	0.824	0.125	0.079	0.114
<i>GRP</i>	rs9957145	-0.004	0.106	0.972	0.061	0.094	0.519
<i>MC4R</i>	rs523288	-0.058	0.087	0.506	0.017	0.076	0.824
<i>BCL2A</i>	rs12454712	0.014	0.090	0.878	0.003	0.079	0.972
<i>UHRF1</i>	rs7249758	-0.148	0.093	0.112	0.008	0.083	0.923
<i>INSR</i>	rs75253922	0.242	0.095	0.011	-0.038	0.085	0.654
<i>MAP2K7</i>	rs4804833	0.007	0.076	0.929	0.011	0.067	0.868

Locus	Variant	Fasting TNF-Alpha (adj BMI)- V2 (pg/ml)			Total Cholesterol - V2 (mmol/l)		
		beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-0.009	0.076	0.904	0.045	0.067	0.509
<i>TM6SF2</i>	rs8107974	0.402	0.148	0.007	-0.002	0.131	0.986
<i>PEPD</i>	rs10406327	-0.043	0.073	0.554	-0.015	0.065	0.816
<i>TOMM40/APOE</i>	rs429358	0.137	0.115	0.237	-0.315	0.102	0.002
<i>GIPR</i>	rs10406431	0.054	0.076	0.477	-0.089	0.067	0.181
<i>ZC3H4</i>	rs3810291	0.027	0.081	0.741	0.051	0.072	0.481
<i>NKX2.2</i>	rs13041756	-0.125	0.127	0.327	-0.097	0.113	0.390
<i>RALY</i>	rs2268078	-0.065	0.080	0.418	0.029	0.071	0.685
<i>EYA2</i>	rs6063048	0.137	0.088	0.119	0.066	0.078	0.396
<i>CEBPB</i>	rs11699802	0.006	0.079	0.937	-0.035	0.070	0.617
<i>TSHZ2</i>	rs34454109	0.093	0.091	0.306	-0.171	0.080	0.032
<i>GNAS</i>	rs6070625	0.038	0.074	0.611	0.065	0.066	0.321
<i>TCEA2</i>	rs59944054	0.044	0.089	0.623	-0.102	0.079	0.197
<i>MTMR3/ASCC2</i>	rs6518681	-0.218	0.143	0.128	-0.025	0.128	0.848
<i>YWHAH</i>	rs117001013	0.026	0.162	0.873	0.102	0.142	0.475
<i>EP300</i>	rs5758223	-0.035	0.085	0.677	0.040	0.075	0.595
<i>PNPLA3</i>	rs738408	-0.032	0.084	0.704	0.000	0.075	0.996
<i>PIM3</i>	rs1801645	0.036	0.097	0.708	-0.036	0.087	0.680

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	-0.070	0.046	0.129	-130.204	148.247	0.380	-0.007	0.095	0.941
<i>FAF1</i>	rs58432198	-0.122	0.058	0.037	61.789	193.152	0.749	0.342	0.121	0.005
<i>PATJ</i>	rs12140153	-0.015	0.066	0.827	84.765	216.876	0.696	-0.027	0.139	0.849
<i>PTGFRN</i>	rs1127215	-0.051	0.037	0.169	-145.089	120.667	0.230	-0.013	0.077	0.867
<i>NOTCH2</i>	rs1493694	0.080	0.064	0.209	-126.759	208.931	0.544	-0.118	0.133	0.374
<i>SEC16B</i>	rs539515	0.017	0.049	0.725	-25.734	158.465	0.871	-0.086	0.101	0.395
<i>DSTYK</i>	rs12048743	-0.034	0.038	0.371	17.840	124.540	0.886	0.130	0.079	0.100
<i>SRGAP2</i>	rs9430095	0.001	0.037	0.968	148.227	119.530	0.215	0.048	0.077	0.530
<i>PROX1</i>	rs340874	-0.004	0.037	0.920	-185.003	122.337	0.131	-0.042	0.078	0.593
<i>LYPLAL1</i>	rs2820446	0.026	0.042	0.537	141.556	136.727	0.301	0.148	0.087	0.089
<i>ABCB10</i>	rs348330	0.050	0.039	0.192	-194.770	127.084	0.126	0.007	0.081	0.935
<i>GNG4</i>	rs291367	0.014	0.039	0.719	-3.719	128.239	0.977	0.127	0.082	0.120
<i>FAM49A</i>	rs11680058	0.084	0.055	0.125	-65.406	179.792	0.716	0.058	0.114	0.612
<i>DTNB</i>	rs17802463	-0.072	0.041	0.081	154.891	134.765	0.251	-0.096	0.086	0.266
<i>GCKR</i>	rs1260326	-0.158	0.036	0.000	-55.558	119.737	0.643	-0.108	0.076	0.156
<i>THADA</i>	rs80147536	0.046	0.059	0.429	-260.619	193.207	0.178	0.045	0.122	0.715
<i>BNIP1</i>	rs6545714	-0.018	0.038	0.631	102.737	124.638	0.410	-0.072	0.080	0.364
<i>BCL11A</i>	rs243024	0.020	0.037	0.587	44.507	121.444	0.714	0.021	0.077	0.789
<i>CEP68</i>	rs2249105	-0.016	0.038	0.685	37.053	125.899	0.769	-0.080	0.080	0.319
<i>GLI2</i>	rs11688682	-0.034	0.045	0.458	20.706	149.222	0.890	-0.069	0.095	0.468
<i>PABPC1P2</i>	rs35999103	0.073	0.048	0.125	-39.319	155.552	0.801	-0.036	0.099	0.716
<i>CYTIP</i>	rs13426680	0.100	0.075	0.184	252.630	245.380	0.304	0.201	0.156	0.197
<i>RBMS1</i>	rs3772071	0.036	0.041	0.371	-39.044	132.744	0.769	0.070	0.085	0.413
<i>GRB14/COBLL1</i>	rs10195252	0.054	0.040	0.173	100.986	130.078	0.438	0.131	0.083	0.114
<i>G6PC2</i>	rs1402837	-0.031	0.042	0.464	-32.163	138.075	0.816	0.018	0.089	0.842
<i>CRYBA2</i>	rs113414093	0.393	0.146	0.007	264.617	474.020	0.577	-0.022	0.306	0.944
<i>IRS1</i>	rs2972144	0.098	0.040	0.014	196.194	130.496	0.133	0.021	0.084	0.797
<i>PPARG</i>	rs11709077	-0.003	0.060	0.965	184.104	195.683	0.347	-0.006	0.125	0.963

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	0.085	0.045	0.059	-214.811	145.770	0.141	-0.024	0.094	0.796
<i>KIF9</i>	rs11926707	-0.020	0.039	0.613	-52.112	127.053	0.682	-0.050	0.081	0.539
<i>RBM6</i>	rs4688760	-0.020	0.041	0.632	115.558	134.388	0.390	0.079	0.086	0.358
<i>RFT1</i>	rs2581787	0.059	0.037	0.115	182.626	121.293	0.133	0.076	0.078	0.330
<i>PSMD6</i>	rs3774723	-0.126	0.051	0.014	-219.073	167.154	0.191	0.151	0.107	0.160
<i>ADAMTS9</i>	rs9860730	0.052	0.039	0.178	-73.952	126.682	0.560	0.136	0.081	0.092
<i>SHQ1</i>	rs13085136	0.058	0.095	0.541	48.904	308.988	0.874	-0.029	0.200	0.883
<i>ROBO2</i>	rs2272163	0.067	0.038	0.075	-26.650	123.941	0.830	0.032	0.079	0.687
<i>ADCY5</i>	rs11708067	0.002	0.046	0.972	121.916	148.136	0.411	0.000	0.095	0.997
<i>SLC12A8</i>	rs649961	0.022	0.037	0.554	213.168	121.171	0.079	-0.071	0.077	0.357
<i>TMCC1</i>	rs9828772	0.007	0.067	0.917	27.204	222.139	0.903	-0.122	0.141	0.389
<i>TSC22D2</i>	rs62271373	-0.093	0.066	0.162	-254.899	218.899	0.245	-0.013	0.139	0.927
<i>MBNL1</i>	rs13065698	0.089	0.038	0.021	112.321	125.857	0.373	-0.042	0.080	0.598
<i>EGFEM1P</i>	rs7629630	0.101	0.052	0.054	-5.456	171.572	0.975	-0.036	0.109	0.740
<i>SLC2A2</i>	rs9873618	0.041	0.041	0.319	133.861	134.198	0.319	0.168	0.086	0.050
<i>ABCC5</i>	rs2872246	0.012	0.036	0.739	-84.021	117.681	0.476	-0.045	0.075	0.544
<i>IGF2BP2</i>	rs6780171	-0.031	0.040	0.445	-165.280	132.284	0.212	-0.020	0.084	0.813
<i>ST6GAL1</i>	rs3887925	-0.010	0.037	0.782	-230.434	121.621	0.059	-0.038	0.078	0.626
<i>LPP</i>	rs4686471	-0.053	0.039	0.171	-44.041	125.993	0.727	-0.056	0.081	0.489
<i>MAEA</i>	rs56337234	0.028	0.041	0.487	38.837	134.347	0.773	-0.051	0.085	0.554
<i>HTT</i>	rs362307	0.098	0.074	0.183	33.483	239.914	0.889	0.127	0.158	0.420
<i>WFS1</i>	rs10937721	0.044	0.037	0.238	-129.493	122.559	0.291	0.057	0.078	0.462
<i>LCORL</i>	rs12640250	-0.030	0.043	0.492	-72.969	141.061	0.605	0.001	0.090	0.990
<i>GNPDA2</i>	rs10938398	-0.033	0.037	0.372	204.366	120.924	0.092	0.008	0.077	0.916
<i>USP46</i>	rs2102278	-0.075	0.041	0.066	-170.011	132.838	0.201	0.018	0.085	0.836
<i>SCD5</i>	rs12642790	-0.060	0.040	0.130	-189.771	129.467	0.143	-0.093	0.082	0.259
<i>FAM13A</i>	rs1903002	0.033	0.038	0.387	222.919	123.572	0.072	0.020	0.079	0.801
<i>SMARCA1</i>	rs6821438	-0.013	0.038	0.737	224.940	123.933	0.070	0.136	0.079	0.087
<i>SLC9B1</i>	rs1580278	-0.014	0.038	0.718	-95.195	124.958	0.446	0.088	0.080	0.267
<i>PABPC4L</i>	rs1296328	-0.017	0.039	0.670	-101.319	127.760	0.428	-0.128	0.081	0.116

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	-0.001	0.040	0.982	0.853	131.399	0.995	0.014	0.083	0.868
<i>PDGFC</i>	rs28819812	-0.005	0.040	0.903	5.635	130.434	0.966	0.134	0.083	0.107
<i>ACSL1</i>	rs58730668	0.057	0.055	0.305	-297.828	178.766	0.096	-0.004	0.115	0.974
<i>MRPS30</i>	rs6884702	0.073	0.038	0.055	79.375	124.173	0.523	0.112	0.079	0.157
<i>ITGA1</i>	rs3811978	0.032	0.050	0.518	102.083	166.214	0.539	0.007	0.105	0.950
<i>ARL15</i>	rs702634	-0.030	0.041	0.463	-150.603	132.928	0.258	0.031	0.085	0.711
<i>ANKRD55</i>	rs465002	0.009	0.041	0.830	325.630	133.246	0.015	0.022	0.085	0.798
<i>PIK3R1</i>	rs4976033	0.061	0.036	0.095	250.016	118.928	0.036	0.098	0.076	0.198
<i>POC5</i>	rs2307111	-0.068	0.037	0.063	74.668	119.732	0.533	-0.091	0.076	0.233
<i>ZBED3</i>	rs4457053	-0.031	0.040	0.437	-219.211	132.929	0.100	0.006	0.085	0.941
<i>DMGDH</i>	rs1316776	0.008	0.040	0.849	33.987	129.879	0.794	0.015	0.082	0.856
<i>RASA1</i>	rs7719891	-0.001	0.040	0.986	-265.337	129.800	0.041	0.066	0.083	0.430
<i>PCSK1</i>	rs13179048	-0.012	0.040	0.770	-31.618	129.224	0.807	0.158	0.082	0.056
<i>PHF15</i>	rs329122	0.003	0.039	0.939	60.736	127.648	0.634	0.046	0.081	0.573
<i>EBF1</i>	rs3934712	-0.022	0.045	0.623	-2.477	146.642	0.987	0.018	0.093	0.846
<i>RREB1</i>	rs9379084	0.041	0.061	0.497	158.483	199.553	0.427	0.169	0.126	0.182
<i>CDKAL1</i>	rs7756992	-0.025	0.042	0.553	-18.005	135.741	0.895	0.162	0.087	0.063
<i>MHC</i>	rs601945	0.030	0.055	0.583	314.113	180.502	0.082	0.027	0.115	0.818
<i>LRFN2</i>	rs34298980	-0.049	0.039	0.218	119.733	129.843	0.357	-0.021	0.082	0.801
<i>VEGFA</i>	rs6458354	-0.014	0.042	0.733	65.639	137.583	0.633	0.076	0.087	0.385
<i>TFAP2B</i>	rs3798519	0.091	0.048	0.056	-82.439	156.879	0.599	-0.037	0.100	0.712
<i>BEND3</i>	rs4946812	0.062	0.042	0.138	-279.683	136.233	0.041	0.004	0.088	0.963
<i>CENPW</i>	rs11759026	-0.021	0.046	0.649	153.046	148.244	0.302	-0.168	0.095	0.077
<i>SOGA3</i>	rs2800733	-0.094	0.042	0.025	-17.537	137.282	0.898	0.077	0.088	0.381
<i>SLC35D3</i>	rs9494624	0.014	0.042	0.749	27.094	137.917	0.844	0.092	0.088	0.300
<i>MIR3668</i>	rs2982521	-0.048	0.039	0.217	109.602	126.153	0.385	-0.061	0.081	0.451
<i>SLC22A3</i>	rs474513	0.028	0.038	0.452	40.812	122.313	0.739	0.049	0.079	0.536
<i>QKI</i>	rs4709746	-0.013	0.054	0.816	250.981	176.490	0.156	0.121	0.113	0.286
<i>DGKB</i>	rs10228066	-0.010	0.037	0.781	52.777	122.769	0.667	0.141	0.078	0.073
<i>IGF2BP3</i>	rs4279506	0.015	0.037	0.685	75.916	123.056	0.538	0.024	0.078	0.755

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>JAZF1</i>	rs1708302	-0.082	0.036	0.024	5.841	119.428	0.961	-0.027	0.076	0.724
<i>CRHR2</i>	rs917195	-0.009	0.044	0.838	45.151	141.943	0.751	0.227	0.091	0.013
<i>GCK</i>	rs878521	-0.016	0.043	0.706	-55.098	138.568	0.691	0.003	0.089	0.971
<i>FBXL13</i>	rs11496066	0.011	0.049	0.815	-236.634	159.595	0.139	-0.006	0.102	0.951
<i>RELN</i>	rs39328	-0.044	0.038	0.247	-157.086	124.368	0.207	-0.104	0.080	0.194
<i>CTTNBP2</i>	rs6976111	0.027	0.041	0.504	-30.321	134.061	0.821	0.008	0.086	0.926
<i>KLF14</i>	rs1562396	0.028	0.041	0.498	7.705	134.584	0.954	-0.098	0.085	0.250
<i>AOC1</i>	rs62492368	-0.050	0.040	0.217	6.875	130.756	0.958	-0.062	0.084	0.462
<i>MNX1</i>	rs6459733	0.044	0.037	0.243	222.291	121.399	0.068	0.093	0.078	0.235
<i>PPP1R3B</i>	rs4841132	0.087	0.072	0.224	-62.259	232.714	0.789	-0.369	0.152	0.016
<i>MSRA</i>	rs17689007	-0.062	0.036	0.083	70.743	117.045	0.546	-0.163	0.074	0.029
<i>XKR6</i>	rs57327348	-0.042	0.050	0.396	-322.976	167.012	0.054	-0.089	0.105	0.397
<i>LPL</i>	rs10096633	0.111	0.055	0.043	146.679	178.983	0.413	0.203	0.115	0.077
<i>PURG</i>	rs10954772	0.052	0.040	0.193	127.175	130.119	0.329	0.162	0.083	0.052
<i>ANK1</i>	rs13262861	-0.022	0.046	0.633	-23.691	152.267	0.876	-0.158	0.097	0.102
<i>TP53INP1</i>	rs10097617	-0.065	0.038	0.085	-51.367	122.080	0.674	0.004	0.079	0.962
<i>TRHR</i>	rs12680028	0.053	0.037	0.155	62.744	121.325	0.605	0.023	0.078	0.769
<i>SLC30A8</i>	rs3802177	-0.018	0.041	0.659	-155.486	134.807	0.249	0.077	0.085	0.366
<i>CASC11</i>	rs17772814	0.022	0.070	0.756	-188.959	226.236	0.404	-0.105	0.145	0.469
<i>PVT1</i>	rs1561927	-0.037	0.041	0.364	21.321	134.030	0.874	-0.051	0.086	0.555
<i>BOP1</i>	rs4977213	0.001	0.037	0.984	-239.580	120.669	0.048	-0.186	0.077	0.016
<i>GLIS3</i>	rs10974438	-0.021	0.039	0.590	41.757	127.270	0.743	0.012	0.081	0.883
<i>HAUS6</i>	rs7022807	0.082	0.038	0.031	51.461	124.632	0.680	0.111	0.080	0.162
<i>FOCAD</i>	rs7867635	0.018	0.038	0.632	177.918	124.246	0.153	0.023	0.080	0.776
<i>CDKN2A/B</i>	rs10811660	-0.015	0.050	0.758	-473.056	165.784	0.004	-0.115	0.105	0.273
<i>LINGO2</i>	rs1412234	-0.023	0.040	0.567	17.424	130.649	0.894	-0.038	0.083	0.647
<i>UBAP2</i>	rs12001437	0.015	0.037	0.686	-18.124	122.058	0.882	0.091	0.078	0.243
<i>MTND2P8</i>	rs11137820	-0.082	0.037	0.026	-169.258	120.210	0.160	-0.062	0.077	0.419
<i>TLE4</i>	rs17791513	-0.093	0.080	0.243	316.966	263.472	0.229	-0.085	0.167	0.612
<i>TLE1</i>	rs2796441	-0.047	0.036	0.196	41.174	118.253	0.728	0.063	0.075	0.406

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	0.010	0.041	0.817	67.011	135.754	0.622	0.050	0.086	0.560
<i>ABO</i>	rs505922	-0.072	0.038	0.059	-178.359	124.808	0.154	0.007	0.080	0.930
<i>GPSM1</i>	rs28505901	0.043	0.047	0.363	155.914	154.629	0.314	0.040	0.099	0.687
<i>CDC123/CAMK1D</i>	rs11257655	-0.070	0.047	0.134	67.747	152.664	0.657	0.112	0.097	0.248
<i>HKDC1</i>	rs4746822	0.006	0.038	0.879	310.442	125.314	0.014	0.263	0.079	0.001
<i>NEUROG3</i>	rs2642588	-0.029	0.041	0.480	187.896	131.456	0.153	0.098	0.084	0.247
<i>ZMIZ1</i>	rs703972	0.010	0.039	0.787	158.133	126.254	0.211	0.018	0.081	0.823
<i>PTEN</i>	rs11202627	-0.041	0.052	0.433	-53.447	170.274	0.754	-0.005	0.109	0.960
<i>HHEX/IDE</i>	rs10882101	0.002	0.037	0.952	167.173	121.805	0.170	0.006	0.078	0.942
<i>TCF7L2</i>	rs7903146	-0.017	0.039	0.669	-6.507	126.908	0.959	0.162	0.081	0.045
<i>WDR11</i>	rs72631105	0.012	0.049	0.813	-342.820	160.616	0.033	-0.028	0.103	0.790
<i>PLEKHA1</i>	rs2280141	-0.015	0.038	0.697	126.327	122.762	0.304	0.209	0.078	0.007
<i>INS/IGF2</i>	rs4929965	0.019	0.038	0.626	-100.563	123.995	0.418	-0.038	0.079	0.636
<i>KCNQ1</i>	rs2237895	0.004	0.036	0.919	50.371	117.793	0.669	0.201	0.075	0.007
<i>KCNJ11</i>	rs5213	0.025	0.040	0.531	165.291	132.699	0.213	0.179	0.084	0.034
<i>METTL15</i>	rs4923543	-0.059	0.041	0.146	149.866	133.090	0.261	-0.043	0.085	0.614
<i>PDHX</i>	rs2767036	-0.008	0.040	0.843	192.076	132.356	0.147	0.035	0.085	0.678
<i>HSD17B12</i>	rs1061810	-0.017	0.042	0.686	67.502	135.379	0.618	-0.016	0.087	0.851
<i>CRY2</i>	rs7115753	0.034	0.038	0.369	-131.027	124.018	0.291	0.083	0.079	0.293
<i>CELF1</i>	rs7124681	-0.029	0.036	0.427	210.424	117.930	0.075	0.050	0.076	0.507
<i>MAP3K11</i>	rs1783541	0.004	0.049	0.937	-121.883	162.368	0.453	0.008	0.103	0.939
<i>CENTD2/ARAP1</i>	rs77464186	0.072	0.053	0.176	272.759	172.438	0.114	0.054	0.111	0.628
<i>MTNR1B</i>	rs10830963	0.014	0.042	0.736	-161.829	135.887	0.234	-0.031	0.087	0.719
<i>ETS1</i>	rs67232546	-0.010	0.045	0.820	-78.691	145.265	0.588	-0.047	0.093	0.616
<i>CDKN1B</i>	rs2066827	-0.144	0.057	0.012	22.511	188.349	0.905	0.213	0.120	0.078
<i>ITPR2</i>	rs718314	0.056	0.043	0.189	191.793	139.647	0.170	0.022	0.089	0.803
<i>KLHDC5</i>	rs10842994	0.028	0.045	0.542	-220.900	147.659	0.135	0.146	0.095	0.123
<i>HMGA2</i>	rs2258238	-0.006	0.059	0.914	-252.685	191.316	0.187	0.168	0.122	0.168
<i>TSPAN8/LGR5</i>	rs1796330	0.048	0.038	0.207	-98.657	124.359	0.428	-0.042	0.079	0.593
<i>USP44</i>	rs2197973	-0.034	0.036	0.346	117.822	119.230	0.323	0.038	0.076	0.618

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	0.103	0.075	0.171	-447.600	246.337	0.070	0.184	0.157	0.240
<i>WSCD2</i>	rs1426371	-0.031	0.047	0.501	44.190	152.200	0.772	-0.059	0.097	0.542
<i>KSR2</i>	rs34965774	0.079	0.053	0.138	-180.302	175.647	0.305	0.048	0.113	0.674
<i>HNF1A</i>	rs56348580	-0.003	0.041	0.939	94.143	132.879	0.479	-0.051	0.085	0.548
<i>MPHOSPH9</i>	rs4148856	0.016	0.042	0.714	90.990	138.165	0.510	0.100	0.088	0.255
<i>ZNF664</i>	rs7978610	-0.037	0.038	0.337	-122.959	124.877	0.325	0.093	0.080	0.242
<i>FBRSL1</i>	rs12811407	0.030	0.040	0.462	-165.485	132.112	0.211	0.039	0.085	0.644
<i>RNF6</i>	rs34584161	-0.062	0.042	0.141	249.671	137.384	0.070	0.104	0.088	0.235
<i>HMGB1</i>	rs11842871	0.061	0.046	0.181	-81.704	150.481	0.587	0.110	0.095	0.248
<i>KL</i>	rs576674	0.060	0.046	0.193	-163.683	151.878	0.282	-0.087	0.097	0.367
<i>DLEU1</i>	rs963740	0.041	0.041	0.315	107.608	134.882	0.425	0.106	0.086	0.217
<i>PCDH17</i>	rs9537803	0.041	0.042	0.332	7.738	136.318	0.955	0.077	0.087	0.377
<i>SRGAP2D</i>	rs9563615	0.022	0.042	0.595	14.863	138.010	0.914	0.061	0.088	0.485
<i>SPRY2</i>	rs1359790	0.043	0.041	0.301	96.579	134.387	0.473	0.051	0.086	0.551
<i>IRS2</i>	rs7987740	-0.023	0.039	0.559	201.728	126.877	0.112	0.014	0.081	0.861
<i>SLC7A7</i>	rs17122772	-0.014	0.048	0.774	-118.455	155.184	0.446	-0.063	0.099	0.524
<i>AKAP6</i>	rs17522122	0.017	0.037	0.639	-132.678	121.424	0.275	0.081	0.077	0.296
<i>CLEC14A</i>	rs8017808	-0.046	0.041	0.268	208.547	134.434	0.121	0.008	0.086	0.922
<i>NRXN3</i>	rs17836088	-0.056	0.046	0.221	322.046	148.660	0.031	0.027	0.096	0.774
<i>SMEK1</i>	rs8010382	0.018	0.039	0.644	111.051	128.385	0.387	0.116	0.082	0.158
<i>MARK3</i>	rs62007683	-0.031	0.038	0.421	-71.734	125.273	0.567	-0.044	0.080	0.576
<i>RASGRP1</i>	rs34715063	-0.054	0.058	0.347	-348.610	187.550	0.064	-0.116	0.121	0.339
<i>LTK</i>	rs11070332	-0.008	0.037	0.821	31.794	121.977	0.794	0.031	0.078	0.695
<i>ONECUT1</i>	rs2456530	0.031	0.058	0.586	170.726	189.277	0.367	0.000	0.121	1.000
<i>C2CD4A/B</i>	rs8037894	0.042	0.037	0.255	18.924	119.830	0.875	0.072	0.078	0.357
<i>USP3</i>	rs7178762	0.029	0.037	0.437	-92.497	121.859	0.448	0.059	0.078	0.447
<i>MAP2K5</i>	rs4776970	-0.019	0.038	0.615	150.728	124.221	0.225	-0.071	0.079	0.366
<i>PTPN9</i>	rs13737	-0.018	0.042	0.669	52.789	136.894	0.700	-0.083	0.088	0.344
<i>HMG20A</i>	rs1005752	0.046	0.041	0.253	37.016	133.554	0.782	0.036	0.085	0.669
<i>AP3S2</i>	rs4932265	-0.061	0.043	0.154	28.768	139.648	0.837	0.042	0.089	0.641

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	0.037	0.038	0.327	-31.141	123.595	0.801	0.063	0.079	0.424
<i>ITFG3</i>	rs6600191	-0.078	0.048	0.103	-11.638	156.403	0.941	-0.043	0.100	0.667
<i>CLUAP1</i>	rs3751837	-0.001	0.047	0.985	-238.652	153.887	0.122	-0.167	0.098	0.090
<i>ATP2A1</i>	rs8046545	0.014	0.040	0.728	72.516	129.646	0.576	0.120	0.082	0.146
<i>FAM57B</i>	rs11642430	0.001	0.039	0.979	-154.488	126.820	0.224	0.079	0.081	0.331
<i>FTO</i>	rs1421085	-0.010	0.037	0.791	45.156	119.247	0.705	0.103	0.076	0.175
<i>NFAT5</i>	rs862320	-0.063	0.037	0.091	14.586	122.458	0.905	-0.012	0.078	0.882
<i>BCAR1</i>	rs72802342	0.017	0.073	0.815	191.276	235.820	0.418	0.046	0.151	0.759
<i>CMIP</i>	rs2925979	0.013	0.040	0.742	-59.664	131.415	0.650	-0.157	0.084	0.061
<i>SPG7</i>	rs12920022	0.071	0.054	0.191	-50.956	179.137	0.776	0.034	0.113	0.762
<i>ZZEF1</i>	rs1377807	-0.001	0.040	0.979	-76.969	130.626	0.556	-0.031	0.083	0.708
<i>ATP1B2</i>	rs1641523	-0.001	0.039	0.987	-3.365	125.949	0.979	0.143	0.080	0.077
<i>GLP2R</i>	rs7222481	0.059	0.041	0.146	70.537	132.459	0.595	0.171	0.085	0.044
<i>RAI1</i>	rs4925109	0.062	0.037	0.094	2.259	122.373	0.985	-0.039	0.077	0.612
<i>NF1</i>	rs71372253	0.003	0.070	0.961	184.941	231.172	0.424	0.188	0.145	0.195
<i>HNF1B</i>	rs10908278	-0.018	0.037	0.635	-16.363	120.850	0.892	-0.067	0.078	0.387
<i>MLX</i>	rs34855406	-0.054	0.042	0.199	-71.147	137.517	0.605	-0.240	0.088	0.006
<i>TTL6</i>	rs35895680	-0.038	0.040	0.338	-44.529	130.746	0.734	-0.235	0.083	0.005
<i>ACE</i>	rs60276348	0.044	0.048	0.354	-137.879	154.216	0.372	0.103	0.099	0.297
<i>BPTF</i>	rs61676547	-0.036	0.044	0.412	-72.788	144.146	0.614	-0.045	0.092	0.625
<i>LAMA1</i>	rs7240767	-0.053	0.037	0.150	143.395	121.540	0.239	0.011	0.077	0.892
<i>COMMD9</i>	rs62080313	-0.018	0.055	0.737	-69.097	180.634	0.702	-0.053	0.115	0.646
<i>TCF4</i>	rs72926932	0.045	0.068	0.508	44.222	228.522	0.847	-0.054	0.144	0.709
<i>WDR7</i>	rs17684074	-0.012	0.044	0.787	-187.992	145.115	0.196	0.023	0.092	0.807
<i>GRP</i>	rs9957145	-0.033	0.053	0.530	300.647	171.631	0.080	-0.017	0.110	0.878
<i>MC4R</i>	rs523288	-0.034	0.043	0.424	35.027	140.732	0.804	0.059	0.089	0.510
<i>BCL2A</i>	rs12454712	0.006	0.044	0.893	99.054	144.579	0.494	0.149	0.092	0.107
<i>UHRF1</i>	rs7249758	-0.042	0.046	0.362	-89.648	150.305	0.551	0.063	0.096	0.513
<i>INSR</i>	rs75253922	-0.017	0.048	0.715	-120.422	154.768	0.437	-0.148	0.099	0.136
<i>MAP2K7</i>	rs4804833	-0.021	0.038	0.586	67.507	121.744	0.579	-0.028	0.078	0.725

Locus	Variant	Triglycerides - V2 (mmol/l)			2-hour C-Peptide (pg/ml)			2-hour Glucose (mmol/l)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	0.049	0.038	0.192	-52.997	123.676	0.668	-0.075	0.079	0.344
<i>TM6SF2</i>	rs8107974	-0.143	0.073	0.049	345.104	237.459	0.147	-0.114	0.153	0.455
<i>PEPD</i>	rs10406327	0.009	0.036	0.800	164.891	118.384	0.164	0.088	0.076	0.250
<i>TOMM40/APOE</i>	rs429358	-0.097	0.057	0.091	244.836	186.742	0.190	0.043	0.120	0.718
<i>GIPR</i>	rs10406431	0.014	0.037	0.709	127.500	122.056	0.297	-0.098	0.078	0.208
<i>ZC3H4</i>	rs3810291	0.002	0.040	0.954	105.497	131.795	0.424	-0.016	0.084	0.849
<i>NKX2.2</i>	rs13041756	0.010	0.063	0.880	-1.940	207.367	0.993	0.032	0.132	0.808
<i>RALY</i>	rs2268078	-0.019	0.040	0.639	194.856	129.982	0.134	0.107	0.082	0.196
<i>EYA2</i>	rs6063048	0.079	0.044	0.072	5.869	142.739	0.967	0.126	0.091	0.167
<i>CEBPB</i>	rs11699802	0.013	0.039	0.737	-14.977	128.088	0.907	0.094	0.082	0.251
<i>TSHZ2</i>	rs34454109	-0.074	0.045	0.098	123.673	147.645	0.403	0.032	0.094	0.733
<i>GNAS</i>	rs6070625	0.027	0.037	0.457	-36.058	120.167	0.764	-0.030	0.077	0.691
<i>TCEA2</i>	rs59944054	0.047	0.044	0.289	67.612	144.415	0.640	-0.006	0.093	0.949
<i>MTMR3/ASCC2</i>	rs6518681	-0.014	0.072	0.842	325.758	231.632	0.160	0.136	0.149	0.361
<i>YWHAH</i>	rs117001013	-0.037	0.080	0.645	-288.219	259.979	0.268	0.065	0.166	0.693
<i>EP300</i>	rs5758223	0.013	0.042	0.756	-110.912	136.906	0.418	-0.123	0.088	0.162
<i>PNPLA3</i>	rs738408	-0.002	0.042	0.971	-168.366	135.978	0.216	0.012	0.087	0.890
<i>PIM3</i>	rs1801645	-0.184	0.048	0.000	15.047	158.767	0.925	-0.111	0.101	0.274

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>MACF1</i>	rs3768321	132.080	86.529	0.127	-2.058	0.976	0.035	0.649	0.334	0.052
<i>FAF1</i>	rs58432198	252.568	112.429	0.025	0.502	1.247	0.687	0.062	0.429	0.885
<i>PATJ</i>	rs12140153	-163.819	126.658	0.196	0.565	1.414	0.690	-0.131	0.486	0.787
<i>PTGFRN</i>	rs1127215	-90.607	70.385	0.199	-1.169	0.785	0.137	0.229	0.270	0.396
<i>NOTCH2</i>	rs1493694	24.908	122.199	0.839	1.294	1.367	0.344	-0.477	0.465	0.305
<i>SEC16B</i>	rs539515	-206.133	92.197	0.026	1.287	1.041	0.217	-0.010	0.356	0.977
<i>DSTYK</i>	rs12048743	131.239	72.549	0.071	-0.582	0.806	0.471	0.133	0.278	0.632
<i>SRGAP2</i>	rs9430095	104.001	69.889	0.137	0.516	0.781	0.509	0.292	0.269	0.277
<i>PROX1</i>	rs340874	-22.968	71.535	0.748	-0.934	0.792	0.239	0.082	0.272	0.764
<i>LYPLAL1</i>	rs2820446	114.248	79.766	0.153	1.117	0.891	0.211	0.066	0.307	0.829
<i>ABCB10</i>	rs348330	25.810	74.170	0.728	0.393	0.827	0.635	0.281	0.283	0.320
<i>GNG4</i>	rs291367	73.285	74.628	0.327	-0.715	0.832	0.390	-0.187	0.286	0.513
<i>FAM49A</i>	rs11680058	98.562	104.841	0.348	0.710	1.172	0.545	-0.430	0.404	0.288
<i>DTNB</i>	rs17802463	49.407	78.752	0.531	-0.608	0.873	0.487	-0.132	0.300	0.659
<i>GCKR</i>	rs1260326	44.524	69.688	0.523	0.937	0.785	0.233	0.339	0.268	0.207
<i>THADA</i>	rs80147536	36.049	112.848	0.750	-2.490	1.240	0.045	0.114	0.429	0.790
<i>BNIP1</i>	rs6545714	53.112	72.913	0.467	1.888	0.809	0.020	0.084	0.280	0.764
<i>BCL11A</i>	rs243024	5.453	70.897	0.939	0.172	0.796	0.829	0.039	0.271	0.885
<i>CEP68</i>	rs2249105	-20.631	73.432	0.779	0.902	0.824	0.274	0.339	0.281	0.228
<i>GLI2</i>	rs11688682	117.941	87.009	0.176	0.859	0.964	0.373	0.282	0.331	0.395
<i>PABPC1P2</i>	rs35999103	111.574	90.710	0.219	1.271	1.013	0.210	-0.401	0.349	0.251
<i>CYTIP</i>	rs13426680	216.820	143.349	0.131	1.161	1.593	0.466	0.085	0.549	0.877
<i>RBMS1</i>	rs3772071	40.183	77.549	0.605	-0.106	0.868	0.903	-0.490	0.299	0.101
<i>GRB14/COBLL1</i>	rs10195252	92.648	75.833	0.222	-0.465	0.857	0.588	0.145	0.292	0.619
<i>G6PC2</i>	rs1402837	-97.283	80.557	0.228	0.466	0.909	0.608	0.009	0.311	0.978
<i>CRYBA2</i>	rs113414093	258.597	277.115	0.351	5.832	3.126	0.063	-1.370	1.064	0.198
<i>IRS1</i>	rs2972144	108.710	76.329	0.155	1.789	0.853	0.036	-0.069	0.294	0.814
<i>PPARG</i>	rs11709077	35.360	113.883	0.756	-1.391	1.288	0.281	0.192	0.442	0.664

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>UBE2E2</i>	rs35352848	-164.721	85.012	0.053	0.008	0.964	0.993	-0.222	0.329	0.499
<i>KIF9</i>	rs11926707	32.260	74.226	0.664	0.910	0.829	0.273	-0.091	0.285	0.748
<i>RBM6</i>	rs4688760	15.308	78.555	0.846	0.657	0.873	0.452	0.041	0.300	0.892
<i>RFT1</i>	rs2581787	38.456	70.927	0.588	0.896	0.796	0.261	-0.378	0.273	0.167
<i>PSMD6</i>	rs3774723	15.732	97.842	0.872	0.234	1.096	0.831	-0.003	0.377	0.994
<i>ADAMTS9</i>	rs9860730	-1.825	73.996	0.980	-0.506	0.826	0.540	0.488	0.284	0.086
<i>SHQ1</i>	rs13085136	35.621	180.705	0.844	5.136	2.001	0.011	-0.745	0.693	0.283
<i>ROBO2</i>	rs2272163	-33.469	72.247	0.643	0.894	0.802	0.265	-0.027	0.276	0.923
<i>ADCY5</i>	rs11708067	38.971	86.511	0.653	1.391	0.971	0.153	0.139	0.334	0.677
<i>SLC12A8</i>	rs649961	-44.489	70.805	0.530	-1.312	0.788	0.096	0.427	0.271	0.115
<i>TMCC1</i>	rs9828772	128.781	129.786	0.322	1.222	1.440	0.397	0.428	0.493	0.385
<i>TSC22D2</i>	rs62271373	59.408	127.635	0.642	-0.750	1.411	0.595	0.935	0.485	0.054
<i>MBNL1</i>	rs13065698	19.600	73.663	0.790	1.031	0.822	0.210	-0.646	0.281	0.022
<i>EGFEM1P</i>	rs7629630	11.176	100.137	0.911	-0.042	1.120	0.970	0.380	0.384	0.323
<i>SLC2A2</i>	rs9873618	109.168	78.278	0.164	1.536	0.877	0.081	-0.143	0.302	0.635
<i>ABCC5</i>	rs2872246	-57.970	68.583	0.398	1.091	0.767	0.155	-0.552	0.262	0.036
<i>IGF2BP2</i>	rs6780171	-46.004	77.365	0.552	-0.068	0.860	0.937	0.249	0.294	0.397
<i>ST6GAL1</i>	rs3887925	-38.278	71.153	0.591	-0.592	0.794	0.456	-0.448	0.272	0.100
<i>LPP</i>	rs4686471	-50.457	73.434	0.492	0.167	0.826	0.839	0.014	0.282	0.960
<i>MAEA</i>	rs56337234	62.626	78.335	0.424	0.111	0.877	0.900	-0.149	0.300	0.620
<i>HTT</i>	rs362307	37.590	140.301	0.789	1.410	1.581	0.373	-0.502	0.545	0.357
<i>WFS1</i>	rs10937721	-13.228	71.675	0.854	0.531	0.795	0.504	-0.203	0.273	0.459
<i>LCORL</i>	rs12640250	10.058	82.439	0.903	-0.779	0.924	0.400	0.000	0.316	0.999
<i>GNPDA2</i>	rs10938398	82.939	70.577	0.240	0.860	0.788	0.275	-0.136	0.271	0.617
<i>USP46</i>	rs2102278	-112.602	77.614	0.147	0.528	0.872	0.545	0.118	0.299	0.693
<i>SCD5</i>	rs12642790	-100.181	75.418	0.185	-0.452	0.844	0.593	-0.375	0.290	0.197
<i>FAM13A</i>	rs1903002	32.837	72.223	0.650	-0.364	0.806	0.652	0.094	0.276	0.734
<i>SMARCAD1</i>	rs6821438	56.687	72.428	0.434	0.473	0.817	0.563	0.207	0.279	0.460
<i>SLC9B1</i>	rs1580278	39.830	72.846	0.585	-0.344	0.810	0.671	0.269	0.278	0.334
<i>PABPC4L</i>	rs1296328	-120.730	74.144	0.104	0.424	0.835	0.611	-0.055	0.285	0.846

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>TMEM154</i>	rs7669833	-90.975	76.396	0.234	0.544	0.854	0.524	-0.006	0.293	0.984
<i>PDGFC</i>	rs28819812	36.232	75.697	0.632	-0.911	0.851	0.285	-0.127	0.291	0.662
<i>ACSL1</i>	rs58730668	-120.258	104.649	0.251	-0.217	1.175	0.853	-0.413	0.404	0.307
<i>MRPS30</i>	rs6884702	57.493	72.137	0.426	1.146	0.807	0.156	-0.148	0.276	0.593
<i>ITGA1</i>	rs3811978	91.559	96.221	0.342	1.085	1.065	0.309	0.541	0.366	0.140
<i>ARL15</i>	rs702634	16.658	77.703	0.830	0.135	0.870	0.877	-0.207	0.297	0.485
<i>ANKRD55</i>	rs465002	130.880	78.026	0.094	0.810	0.874	0.355	-0.118	0.299	0.692
<i>PIK3R1</i>	rs4976033	82.619	69.677	0.236	1.221	0.775	0.116	0.112	0.268	0.677
<i>POC5</i>	rs2307111	-27.877	69.891	0.690	0.816	0.781	0.297	-0.018	0.268	0.948
<i>ZBED3</i>	rs4457053	-49.697	77.819	0.523	-0.826	0.860	0.338	0.158	0.295	0.592
<i>DMGDH</i>	rs1316776	-53.976	75.649	0.476	-0.960	0.847	0.257	0.251	0.289	0.386
<i>RASA1</i>	rs7719891	-131.018	75.352	0.083	0.895	0.850	0.293	-0.113	0.290	0.698
<i>PCSK1</i>	rs13179048	21.595	75.456	0.775	0.052	0.845	0.951	-0.650	0.289	0.025
<i>PHF15</i>	rs329122	72.508	74.334	0.330	0.801	0.832	0.336	0.344	0.285	0.229
<i>EBF1</i>	rs3934712	55.194	85.599	0.519	0.181	0.956	0.850	0.305	0.328	0.352
<i>RREB1</i>	rs9379084	180.233	114.932	0.117	-0.329	1.294	0.799	0.212	0.451	0.638
<i>CDKAL1</i>	rs7756992	93.900	79.191	0.236	-0.275	0.885	0.756	-0.400	0.304	0.189
<i>MHC</i>	rs601945	4.908	105.805	0.963	0.364	1.179	0.758	0.596	0.405	0.142
<i>LRFN2</i>	rs34298980	17.795	75.638	0.814	-1.881	0.841	0.026	0.532	0.289	0.066
<i>VEGFA</i>	rs6458354	89.809	80.243	0.264	-1.047	0.893	0.241	-0.219	0.307	0.475
<i>TFAP2B</i>	rs3798519	31.971	91.612	0.727	0.830	1.019	0.416	-0.694	0.349	0.047
<i>BEND3</i>	rs4946812	-59.024	79.873	0.460	0.324	0.896	0.718	0.014	0.307	0.963
<i>CENPW</i>	rs11759026	38.733	86.635	0.655	0.171	0.977	0.861	0.171	0.334	0.608
<i>SOGA3</i>	rs2800733	89.167	80.084	0.266	-0.245	0.895	0.784	0.275	0.307	0.372
<i>SLC35D3</i>	rs9494624	38.575	80.534	0.632	-0.693	0.899	0.442	-0.015	0.309	0.962
<i>MIR3668</i>	rs2982521	-0.219	73.541	0.998	-0.282	0.830	0.734	0.148	0.283	0.602
<i>SLC22A3</i>	rs474513	41.797	71.403	0.559	0.056	0.804	0.945	0.361	0.275	0.190
<i>QKI</i>	rs4709746	148.628	102.993	0.150	1.164	1.159	0.316	-0.954	0.396	0.016
<i>DGKB</i>	rs10228066	43.958	71.709	0.540	0.936	0.796	0.241	-0.478	0.272	0.080
<i>IGF2BP3</i>	rs4279506	66.678	71.606	0.352	0.057	0.793	0.943	-0.727	0.271	0.008

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
JAZF1	rs1708302	19.807	69.625	0.776	-0.035	0.780	0.964	-0.265	0.267	0.322
CRHR2	rs917195	120.080	82.766	0.147	1.010	0.925	0.276	0.046	0.318	0.885
GCK	rs878521	-26.446	80.934	0.744	-1.034	0.907	0.255	-0.011	0.312	0.972
FBXL13	rs11496066	-124.318	93.213	0.183	-0.967	1.044	0.355	-0.223	0.359	0.536
RELN	rs39328	7.723	72.769	0.916	0.175	0.817	0.830	0.397	0.279	0.156
CTTNBP2	rs6976111	-40.189	78.271	0.608	-1.705	0.868	0.050	-0.343	0.299	0.252
KLF14	rs1562396	36.238	78.324	0.644	0.122	0.876	0.890	0.103	0.299	0.730
AOC1	rs62492368	-29.827	76.332	0.696	-0.667	0.857	0.437	-0.171	0.294	0.560
MNX1	rs6459733	162.222	70.747	0.022	0.500	0.800	0.532	-0.256	0.274	0.352
PPP1R3B	rs4841132	95.583	135.406	0.481	-2.789	1.530	0.069	-0.128	0.524	0.807
MSRA	rs17689007	-72.215	68.334	0.291	-0.524	0.762	0.492	0.035	0.262	0.893
XKR6	rs57327348	-16.525	97.451	0.865	-0.929	1.080	0.390	0.225	0.371	0.543
LPL	rs10096633	98.265	104.601	0.348	0.302	1.174	0.797	-0.162	0.403	0.687
PURG	rs10954772	249.699	75.267	0.001	1.780	0.842	0.035	-0.370	0.290	0.202
ANK1	rs13262861	-100.881	88.274	0.254	-0.195	0.976	0.842	0.097	0.335	0.771
TP53INP1	rs10097617	-17.454	71.313	0.807	-0.034	0.802	0.966	0.146	0.276	0.597
TRHR	rs12680028	27.560	70.986	0.698	1.160	0.800	0.148	-0.374	0.274	0.172
SLC30A8	rs3802177	-123.913	78.653	0.116	-0.647	0.870	0.457	0.218	0.299	0.466
CASC11	rs17772814	-199.138	132.115	0.132	-0.039	1.498	0.979	-0.096	0.512	0.851
PVT1	rs1561927	-62.606	77.914	0.422	-0.729	0.871	0.403	-0.112	0.299	0.709
BOP1	rs4977213	-173.253	70.316	0.014	0.144	0.790	0.856	-0.155	0.272	0.570
GLIS3	rs10974438	-66.308	74.375	0.373	0.888	0.827	0.284	-0.047	0.284	0.868
HAUS6	rs7022807	121.123	72.459	0.095	0.892	0.812	0.273	-0.157	0.277	0.571
FOCAD	rs7867635	17.999	72.712	0.805	-0.307	0.813	0.705	0.241	0.279	0.387
CDKN2A/B	rs10811660	-217.674	97.043	0.025	-0.765	1.069	0.475	0.070	0.367	0.850
LINGO2	rs1412234	-31.702	76.276	0.678	-0.536	0.855	0.531	-0.189	0.293	0.520
UBAP2	rs12001437	60.660	71.175	0.394	0.425	0.796	0.594	0.112	0.273	0.683
MTND2P8	rs11137820	-73.023	70.220	0.299	-0.155	0.793	0.845	-0.123	0.271	0.651
TLE4	rs17791513	72.330	153.284	0.637	2.711	1.725	0.116	-0.116	0.585	0.843
TLE1	rs2796441	32.943	69.027	0.633	-0.036	0.772	0.962	0.172	0.265	0.517

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>ZNF169</i>	rs55653563	93.841	79.180	0.236	0.012	0.885	0.989	-0.224	0.304	0.461
<i>ABO</i>	rs505922	-165.982	72.446	0.022	-0.074	0.828	0.929	-0.086	0.281	0.760
<i>GPSM1</i>	rs28505901	-23.999	90.431	0.791	-1.498	1.015	0.141	0.155	0.347	0.656
<i>CDC123/CAMK1D</i>	rs11257655	-66.851	88.502	0.450	0.035	1.009	0.972	0.169	0.341	0.622
<i>HKDC1</i>	rs4746822	104.804	73.434	0.154	1.067	0.817	0.192	-0.085	0.281	0.762
<i>NEUROG3</i>	rs2642588	161.485	76.692	0.036	0.956	0.862	0.268	-0.092	0.297	0.758
<i>ZMIZ1</i>	rs703972	99.085	73.726	0.180	0.378	0.827	0.648	-0.140	0.283	0.620
<i>PTEN</i>	rs11202627	-30.997	99.544	0.756	-1.428	1.122	0.203	-0.272	0.381	0.476
<i>HHEX/IDE</i>	rs10882101	95.429	71.162	0.180	1.069	0.798	0.181	-0.305	0.274	0.267
<i>TCF7L2</i>	rs7903146	-61.177	74.062	0.409	-0.266	0.833	0.750	-0.331	0.285	0.246
<i>WDR11</i>	rs72631105	-153.290	93.990	0.103	0.066	1.055	0.950	-0.550	0.362	0.129
<i>PLEKHA1</i>	rs2280141	61.263	71.690	0.393	1.150	0.801	0.152	-0.287	0.275	0.296
<i>INS/IGF2</i>	rs4929965	58.348	72.395	0.421	0.577	0.815	0.479	-0.127	0.278	0.647
<i>KCNQ1</i>	rs2237895	29.190	68.689	0.671	0.042	0.769	0.957	-0.015	0.264	0.954
<i>KCNJ11</i>	rs5213	15.342	77.560	0.843	-0.817	0.863	0.344	-0.237	0.295	0.422
<i>METTL15</i>	rs4923543	58.335	77.494	0.452	-1.519	0.866	0.080	0.222	0.298	0.457
<i>PDHX</i>	rs2767036	-57.011	77.439	0.462	-1.297	0.865	0.134	-0.475	0.295	0.108
<i>HSD17B12</i>	rs1061810	33.651	79.040	0.670	-0.350	0.887	0.693	-0.137	0.304	0.652
<i>CRY2</i>	rs7115753	60.998	72.298	0.399	0.555	0.813	0.495	0.287	0.278	0.303
<i>CELF1</i>	rs7124681	-4.073	69.009	0.953	-1.216	0.774	0.117	0.071	0.266	0.789
<i>MAP3K11</i>	rs1783541	-8.580	94.837	0.928	1.202	1.046	0.251	-0.074	0.359	0.836
<i>CENTD2/ARAP1</i>	rs77464186	133.225	100.708	0.186	0.772	1.126	0.493	-0.385	0.387	0.321
<i>MTNR1B</i>	rs10830963	-22.018	79.139	0.781	1.758	0.879	0.046	-0.422	0.303	0.164
<i>ETS1</i>	rs67232546	21.361	84.887	0.801	-1.565	0.950	0.100	-0.184	0.327	0.574
<i>CDKN1B</i>	rs2066827	-129.558	109.880	0.239	-2.104	1.230	0.088	-0.855	0.422	0.043
<i>ITPR2</i>	rs718314	58.412	81.657	0.475	-0.625	0.912	0.494	-0.453	0.313	0.149
<i>KLHDC5</i>	rs10842994	20.077	86.427	0.816	-1.284	0.961	0.182	0.446	0.332	0.180
<i>HMGA2</i>	rs2258238	-3.040	111.755	0.978	-1.207	1.248	0.334	-0.249	0.430	0.563
<i>TSPAN8/LGR5</i>	rs1796330	30.959	72.507	0.670	-0.102	0.805	0.899	0.068	0.277	0.807
<i>USP44</i>	rs2197973	100.893	69.579	0.148	0.926	0.777	0.234	-0.083	0.267	0.757

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>RMST</i>	rs77864822	205.662	144.235	0.154	1.898	1.600	0.236	0.795	0.548	0.148
<i>WSCD2</i>	rs1426371	61.275	88.841	0.491	0.529	0.996	0.596	0.580	0.341	0.090
<i>KSR2</i>	rs34965774	62.270	102.735	0.545	0.513	1.143	0.654	-0.040	0.392	0.918
<i>HNF1A</i>	rs56348580	-17.609	77.695	0.821	-0.149	0.865	0.863	0.044	0.297	0.882
<i>MPHOSPH9</i>	rs4148856	4.202	80.718	0.958	0.402	0.901	0.656	0.089	0.310	0.773
<i>ZNF664</i>	rs7978610	-44.773	72.842	0.539	-0.872	0.817	0.286	0.160	0.280	0.566
<i>FBRSL1</i>	rs12811407	-19.460	77.285	0.801	0.637	0.860	0.459	0.300	0.295	0.309
<i>RNF6</i>	rs34584161	75.744	80.412	0.347	-0.871	0.898	0.332	-0.123	0.309	0.691
<i>HMGB1</i>	rs11842871	96.864	87.318	0.268	-0.667	0.974	0.494	-0.080	0.337	0.812
<i>KL</i>	rs576674	-24.913	88.715	0.779	0.259	0.987	0.793	-0.298	0.339	0.380
<i>DLEU1</i>	rs963740	144.910	78.298	0.065	-0.667	0.877	0.447	0.187	0.302	0.535
<i>PCDH17</i>	rs9537803	30.777	79.601	0.699	-0.582	0.889	0.513	0.489	0.305	0.110
<i>SRGAP2D</i>	rs9563615	22.804	80.610	0.777	0.054	0.899	0.952	0.534	0.308	0.083
<i>SPRY2</i>	rs1359790	-27.992	78.531	0.722	0.199	0.878	0.821	-0.295	0.302	0.329
<i>IRS2</i>	rs7987740	141.267	73.837	0.056	0.509	0.833	0.542	0.164	0.284	0.565
<i>SLC7A7</i>	rs17122772	-146.998	90.443	0.105	-0.635	1.020	0.534	-0.082	0.349	0.814
<i>AKAP6</i>	rs17522122	3.401	70.649	0.962	0.224	0.790	0.777	-0.122	0.272	0.654
<i>CLEC14A</i>	rs8017808	-9.677	78.385	0.902	0.306	0.879	0.728	-0.205	0.301	0.496
<i>NRXN3</i>	rs17836088	18.273	87.220	0.834	-0.048	0.983	0.961	-0.323	0.335	0.335
<i>SMEK1</i>	rs8010382	154.672	74.866	0.039	0.718	0.837	0.391	-0.144	0.288	0.618
<i>MARK3</i>	rs62007683	88.416	73.176	0.227	-0.708	0.813	0.384	0.482	0.278	0.084
<i>RASGRP1</i>	rs34715063	-15.373	109.981	0.889	-0.684	1.232	0.579	-0.647	0.422	0.126
<i>LTK</i>	rs11070332	-18.436	71.184	0.796	-1.425	0.792	0.072	0.081	0.273	0.766
<i>ONECUT1</i>	rs2456530	-49.431	110.222	0.654	0.270	1.229	0.826	0.176	0.422	0.677
<i>C2CD4A/B</i>	rs8037894	108.168	70.544	0.126	0.378	0.791	0.633	-0.100	0.272	0.714
<i>USP3</i>	rs7178762	-33.415	71.146	0.639	0.320	0.794	0.687	-0.117	0.274	0.670
<i>MAP2K5</i>	rs4776970	33.135	72.394	0.647	-0.089	0.803	0.912	0.018	0.277	0.947
<i>PTPN9</i>	rs13737	-134.017	79.753	0.093	0.689	0.897	0.443	0.430	0.308	0.163
<i>HMG20A</i>	rs1005752	-17.515	77.412	0.821	0.164	0.869	0.850	-0.250	0.297	0.400
<i>AP3S2</i>	rs4932265	82.496	81.121	0.310	-0.530	0.915	0.563	-0.379	0.311	0.223

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>PRC1</i>	rs12910825	71.983	72.070	0.318	0.046	0.802	0.954	0.090	0.277	0.744
<i>ITFG3</i>	rs6600191	2.182	91.322	0.981	-0.451	1.026	0.661	0.129	0.352	0.714
<i>CLUAP1</i>	rs3751837	-70.445	90.029	0.434	0.510	1.002	0.611	0.359	0.344	0.297
<i>ATP2A1</i>	rs8046545	6.471	75.566	0.932	0.680	0.848	0.423	-0.017	0.290	0.952
<i>FAM57B</i>	rs11642430	10.670	74.232	0.886	0.946	0.837	0.259	-0.196	0.286	0.494
<i>FTO</i>	rs1421085	127.326	69.482	0.067	1.168	0.780	0.135	-0.314	0.267	0.240
<i>NFAT5</i>	rs862320	-137.312	71.108	0.054	-0.200	0.796	0.802	0.561	0.272	0.039
<i>BCAR1</i>	rs72802342	179.344	137.771	0.194	0.684	1.533	0.656	-0.396	0.531	0.455
<i>CMIP</i>	rs2925979	-58.918	76.426	0.441	-1.042	0.861	0.226	0.380	0.295	0.198
<i>SPG7</i>	rs12920022	-5.694	104.656	0.957	0.009	1.154	0.994	-0.796	0.395	0.044
<i>ZZEF1</i>	rs1377807	6.092	76.341	0.936	0.015	0.851	0.986	-0.018	0.293	0.950
<i>ATP1B2</i>	rs1641523	144.748	73.416	0.049	0.850	0.828	0.306	0.453	0.284	0.111
<i>GLP2R</i>	rs7222481	144.635	77.162	0.061	0.727	0.872	0.405	-0.007	0.299	0.983
<i>RAI1</i>	rs4925109	-111.038	71.091	0.119	-1.145	0.793	0.150	0.147	0.272	0.588
<i>NF1</i>	rs71372253	268.443	134.180	0.046	0.860	1.485	0.563	-0.582	0.509	0.253
<i>HNF1B</i>	rs10908278	-113.963	70.421	0.106	-0.545	0.795	0.493	0.038	0.273	0.889
<i>MLX</i>	rs34855406	-98.559	80.219	0.220	-1.268	0.900	0.160	-0.273	0.308	0.375
<i>TTL6</i>	rs35895680	-40.226	76.280	0.598	0.387	0.856	0.651	0.297	0.293	0.312
<i>ACE</i>	rs60276348	-47.885	90.156	0.596	0.529	1.023	0.606	-0.225	0.347	0.518
<i>BPTF</i>	rs61676547	-111.623	84.075	0.185	-0.388	0.947	0.682	-0.245	0.327	0.454
<i>LAMA1</i>	rs7240767	12.411	70.752	0.861	0.296	0.791	0.709	-0.111	0.273	0.683
<i>COMMD9</i>	rs62080313	64.385	104.388	0.538	0.414	1.190	0.728	0.399	0.404	0.324
<i>TCF4</i>	rs72926932	-135.590	133.524	0.310	-0.830	1.462	0.571	-0.484	0.502	0.335
<i>WDR7</i>	rs17684074	83.436	84.790	0.326	-1.531	0.931	0.101	0.615	0.320	0.055
<i>GRP</i>	rs9957145	94.166	100.367	0.349	0.662	1.123	0.556	-0.544	0.386	0.159
<i>MC4R</i>	rs523288	9.398	81.792	0.909	2.194	0.904	0.016	-0.687	0.309	0.027
<i>BCL2A</i>	rs12454712	102.386	84.364	0.225	-1.707	0.946	0.072	-0.274	0.326	0.400
<i>UHRF1</i>	rs7249758	-129.451	87.590	0.140	-1.246	0.984	0.206	0.123	0.338	0.715
<i>INSR</i>	rs75253922	-10.411	90.419	0.908	1.492	1.012	0.141	-0.160	0.348	0.645
<i>MAP2K7</i>	rs4804833	7.054	71.021	0.921	0.130	0.803	0.871	-0.089	0.274	0.746

Locus	Variant	2-hour Insulin (pg/ml)			Waist Circumference - V1 (cm)			Weight Gain - V1 to Delivery (kg)		
		beta	SE	p-value	beta	SE	p-value	beta	SE	p-value
<i>FARSA</i>	rs3111316	-99.160	71.962	0.169	-1.321	0.803	0.101	-0.231	0.277	0.405
<i>TM6SF2</i>	rs8107974	102.857	139.073	0.460	0.282	1.553	0.856	-0.099	0.535	0.853
<i>PEPD</i>	rs10406327	60.664	69.333	0.382	0.126	0.779	0.871	-0.125	0.267	0.638
<i>TOMM40/APOE</i>	rs429358	-30.135	109.331	0.783	-0.322	1.223	0.792	0.508	0.419	0.226
<i>GIPR</i>	rs10406431	-15.592	71.456	0.827	0.284	0.793	0.721	0.240	0.273	0.381
<i>ZC3H4</i>	rs3810291	9.313	77.042	0.904	-0.207	0.857	0.809	0.316	0.295	0.284
<i>NKX2.2</i>	rs13041756	-70.510	120.826	0.560	0.988	1.336	0.460	-0.831	0.459	0.071
<i>RALY</i>	rs2268078	117.790	75.723	0.120	1.333	0.847	0.116	-0.602	0.289	0.038
<i>EYA2</i>	rs6063048	4.569	83.359	0.956	0.574	0.930	0.538	0.195	0.321	0.544
<i>CEBPB</i>	rs11699802	103.170	74.508	0.167	0.900	0.839	0.283	0.012	0.288	0.967
<i>TSHZ2</i>	rs34454109	51.761	86.249	0.549	1.142	0.967	0.238	-0.115	0.331	0.729
<i>GNAS</i>	rs6070625	-14.375	70.204	0.838	-0.739	0.783	0.346	0.060	0.268	0.824
<i>TCEA2</i>	rs59944054	89.814	84.300	0.287	-0.837	0.941	0.374	-0.231	0.325	0.477
<i>MTMR3/ASCC2</i>	rs6518681	-10.062	135.695	0.941	0.204	1.536	0.895	-0.151	0.525	0.774
<i>YWHAH</i>	rs117001013	-97.955	150.280	0.515	-5.206	1.703	0.002	0.345	0.588	0.557
<i>EP300</i>	rs5758223	-147.405	79.755	0.065	-0.327	0.898	0.716	0.032	0.309	0.916
<i>PNPLA3</i>	rs738408	-79.236	79.463	0.319	-0.381	0.892	0.670	0.289	0.306	0.346
<i>PIM3</i>	rs1801645	120.321	92.578	0.194	0.751	1.034	0.468	0.256	0.355	0.471

Supplemental Table 3A: Associations Between Udlr Cluster Polygenic Scores and Traits in HAPO Sub-Cohorts

Linear regression was used to relate cluster polygenic scores to traits in each HAPO sub-cohort

			Fasting Glucose (mg/dl)	1- hour Glucose (mg/dl)	2-hour Glucose (mg/dl)	BMI (kg/m ²)	1- hour C- peptide z-score	Insulin Sensitivity Index	Triglycerides (mg/dl)
Beta Cell	HAPO-AC (N=1103)	Beta	-0.09	-0.27	0.56	0.028	-0.020	0.067	8.15
		P	0.54	0.53	0.11	0.88	0.49	0.15	0.01
	HAPO-MA (N=804)	Beta	0.45	1.14	0.24	0.06	-0.0017	-0.01	-4.48
		P	0.01	0.15	0.69	0.65	0.95	0.77	0.40
	HAPO-EU (N=1369)	Beta	0.093	-0.49	0.20	-0.31	-0.0036	0.0057	-3.14
		P	0.71	0.67	0.81	0.11	0.92	0.89	0.66
Proinsulin	HAPO-AC (N=1103)	Beta	-0.29	1.016	0.10	-0.08	0.012	0.027	5.02
		P	0.04	0.02	0.77	0.66	0.69	0.57	0.13
	HAPO-MA (N=804)	Beta	-0.25	-1.45	-0.39	0.237	-0.009	0.04	5.35
		P	0.17	0.07	0.51	0.07	0.71	0.28	0.35
	HAPO-EU (N=1369)	Beta	0.32	0.30	-0.45	0.045	0.071	-0.10	2.35
		P	0.20	0.80	0.59	0.82	0.06	0.02	0.70
Obesity	HAPO-AC (N=1103)	Beta	-0.021	-0.34	0.21	0.11	0.014	-0.041	-0.14
		P	0.88	0.42	0.54	0.55	0.64	0.37	0.97
	HAPO-MA (N=804)	Beta	0.357	0.92	0.30	0.41	0.01	-0.088	-3.39
		P	0.046	0.24	0.61	0.001	0.82	0.03	0.28
	HAPO-EU (N=1369)	Beta	-0.011	-0.79	-0.61	0.48	0.10	-0.088	0.53
		P	0.96	0.50	0.47	0.02	0.01	0.04	0.94
Lipodystrophy	HAPO-AC (N=1103)	Beta	-0.069	0.26	-0.071	-0.027	0.033	-0.083	-1.48
		P	0.63	0.54	0.84	0.88	0.26	0.08	0.67
	HAPO-MA (N=804)	Beta	0.11	0.36	-0.32	0.22	0.03	-0.06	6.72
		P	0.54	0.65	0.59	0.09	0.20	0.16	0.21
	HAPO-EU (N=1369)	Beta	0.34	0.22	-0.60	0.22	0.10	-0.065	-1.93
		P	0.18	0.85	0.46	0.25	0.01	0.13	0.79
Liver Lipid	HAPO-AC (N=1103)	Beta	-0.084	-1.0031	-0.92	-0.14	0.00083	0.038	-13.21
		P	0.64	0.26	0.18	0.18	0.98	0.36	0.06
	HAPO-MA (N=804)	Beta	0.027	0.021	-0.10	-0.041	0.074	-0.12	-2.59
		P	0.85	0.96	0.77	0.82	0.01	0.01	0.43
	HAPO-EU (N=1369)	Beta	0.51	1.01	-0.35	-0.09	0.03	-0.09	-4.68
		P	0.005	0.21	0.59	0.52	0.27	0.03	0.39
Liver Lipid	HAPO-TH (N=1155)	Beta	0.47	0.037	-0.38	-0.13	0.068	-0.11	-5.73
		P	0.06	0.97	0.65	0.51	0.07	0.01	0.40
	HAPO-TH (N=1155)	Beta	0.39	1.13	0.36	-0.072	0.055	-0.10	-12.33
		P	0.03	0.21	0.61	0.50	0.05	0.02	0.09

AC = Afro-Caribbean; EU = European; MA= Mexican-American; TH=Thai

Supplemental Table 3B: Associations Between Pregnancy Cluster Polygenic Scores and Traits in HAPO Sub-Cohorts

Linear regression was used to relate cluster polygenic scores to traits in each HAPO sub-cohort

			Fasting Glucose (mg/dl)	1- hour Glucose (mg/dl)	2-hour Glucose (mg/dl)	BMI (kg/m ²)	1- hour C- peptide z- score	Insulin Sensitivity Index	Triglycerides (mg/dl)
Cluster 1	HAPO-AC (N=1103)	Beta	0.18	-0.47	-0.39	0.092	-0.045	0.034	2.74
		P	0.20	0.28	0.28	0.61	0.13	0.48	0.45
	HAPO-MA (N=804)	Beta	0.57	1.28	1.051	0.30	0.027	-0.062	-2.055
		P	0.02	0.27	0.21	0.12	0.47	0.15	0.74
	HAPO-EU (N=1369)	Beta	0.84	2.11	0.84	0.15	0.0009	-0.10	-8.79
		P	2.22 × 10⁻⁶	0.01	0.15	0.25	0.97	0.01	0.10
Cluster 2	HAPO-AC (N=1103)	Beta	0.18	-0.11	-0.50	-0.23	-0.014	0.013	0.71
		P	0.21	0.79	0.16	0.20	0.64	0.77	0.83
	HAPO-MA (N=804)	Beta	0.002	0.83	1.12	0.15	0.03	-0.04	-0.83
		P	0.99	0.29	0.06	0.25	0.20	0.30	0.89
	HAPO-EU (N=1369)	Beta	0.052	-1.97	-1.97	0.13	-0.060	0.041	-5.16
		P	0.84	0.10	0.02	0.51	0.12	0.35	0.45
Cluster 3	HAPO-AC (N=1103)	Beta	0.035	0.019	-0.12	0.049	-0.0027	0.031	-0.99
		P	0.80	0.96	0.74	0.78	0.93	0.51	0.77
	HAPO-MA (N=804)	Beta	0.01	-0.29	0.38	0.14	-0.05	0.02	-4.83
		P	0.94	0.71	0.52	0.29	0.06	0.55	0.35
	HAPO-EU (N=1369)	Beta	0.35	2.25	0.40	0.10	0.013	-0.01	-2.90
		P	0.17	0.05	0.63	0.61	0.74	0.80	0.67
Cluster 4	HAPO-AC (N=1103)	Beta	0.46	-0.97	-0.73	-0.024	-0.029	0.010	1.74
		P	0.001	0.02	0.04	0.90	0.32	0.84	0.61
	HAPO-MA (N=804)	Beta	-0.27	-1.44	-0.02	0.06	-0.06	0.04	-1.64
		P	0.13	0.07	0.97	0.66	0.02	0.35	0.75
	HAPO-EU (N=1369)	Beta	0.99	-0.30	-1.95	0.32	0.081	-0.17	7.75
		P	9.58 × 10⁻⁵	0.80	0.02	0.10	0.03	9.35 × 10⁻⁵	0.25
Cluster 5	HAPO-AC (N=1103)	Beta	0.33	0.90	-0.16	-0.14	0.0037	-0.058	-8.41
		P	0.07	0.32	0.82	0.17	0.90	0.17	0.26
	HAPO-MA (N=804)	Beta	-0.050	0.14	0.17	-0.19	-0.013	0.011	-2.84
		P	0.73	0.75	0.64	0.28	0.66	0.82	0.39
	HAPO-EU (N=1369)	Beta	-0.11	0.78	0.73	-0.01	-0.04	0.05	-1.91
		P	0.54	0.33	0.22	0.95	0.07	0.22	0.75
Cluster 5	HAPO-TH (N=1155)	Beta	0.33	3.46	1.90	0.091	-0.0078	-0.010	7.64
		P	0.20	0.003	0.02	0.65	0.84	0.83	0.28
	HAPO-TH (N=1155)	Beta	0.068	1.63	0.97	-0.030	-0.028	0.035	-9.20
		P	0.71	0.07	0.16	0.78	0.32	0.41	0.20

AC = Afro-Caribbean; EU = European; MA= Mexican-American; TH=Thai

**Supplemental Table 4. Characteristics of Partners Biobank
Participants in the T2D Case-Control Set**

	No T2D (N = 28206)	T2D (N = 4910)
	Mean (SD) or N (%)	Mean (SD) or N (%)
Age (years)	57.5 (17.2)	67.1 (12.4)
Gender		
Female	15514 (55.0%)	2147 (44.2%)
Male	12691 (44.6%)	2708 (55.8%)
BMI (kg/m ²)	28.1 (11.0)	32.2 (8.7)
Race/Ethnicity		
Non-Hispanic White	24604 (87.2%)	3911 (79.7%)
Non-Hispanic Black	970 (3.4%)	405 (8.2%)
Non-Hispanic Asian	557 (2.0%)	63 (1.3%)
Hispanic/Latino	908 (3.2%)	311 (6.3%)
Other/Unknown	1167 (4.1%)	220 (4.5%)

A T2D case-control cohort was selected from the Partners Biobank to test clusters for associations with hyperglycemia outside of pregnancy. T2D status, as previously described (References 12 and 19), was derived from structured and unstructured electronic medical record data using clinical, computational, and statistical methods. Case criteria had positive predictive value of 0.90 against the gold standard of chart review. Initial control criteria provided by the Partners Biobank had negative predictive value of 0.99 against the gold standard of chart review. In addition, we eliminated any control participants with any hemoglobin A1c recorded $\geq 6.5\%$ in the electronic medical record.